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KANSAS

Annual Summary of Vital Statistics

Kansas Department of Health and Environment
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ANNUAL SUMMARY OF VITAL STATISTICS KANSAS, 1992

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Introduction

INTRODUCTION

The 1992 edition of the Annual Summary of Vital Statistics is a summary of data compiled from vital records for the 1992 calendar year. The content of this report includes summaries of vital events such as live births, fetal deaths, abortions, deaths, marriages and marriage dissolutions documented by certificates filed with the Office of Vital Statistics, Center for Health Statistics. Please note that the 1992 edition of the Annual Summary of Vital Statistics contains a special presentation of demographic, natality and mortality information on minorities in Kansas.

This document provides its users with an overview of the events contributing to the health status of Kansans. The facts contained in this report are essential for effective health policy decisions and program planning. It is designed to provide governmental agencies, businesses, industries and citizens with information on vital statistics in Kansas.

Comments concerning the format or content of this report are welcomed. The Annual Summary of Vital Statistics is a **summary** of the health data collected by the State of Kansas on vital events. The information contained in this report may be obtained on a floppy disk by sending a formal request and a blank floppy to the Kansas Department of Health and Environment, Center for Health Statistics, Office of Research and Analysis (913-296-0632). More detailed information is also available upon request from this same office.

Vital Events

- Registration of Kansas vital events (live births, deaths, fetal deaths, marriages and marriage dissolutions) decreased 7.4 percent from 101,855 in 1982 to 94,326 in 1992. (Table 1, Figure 2)

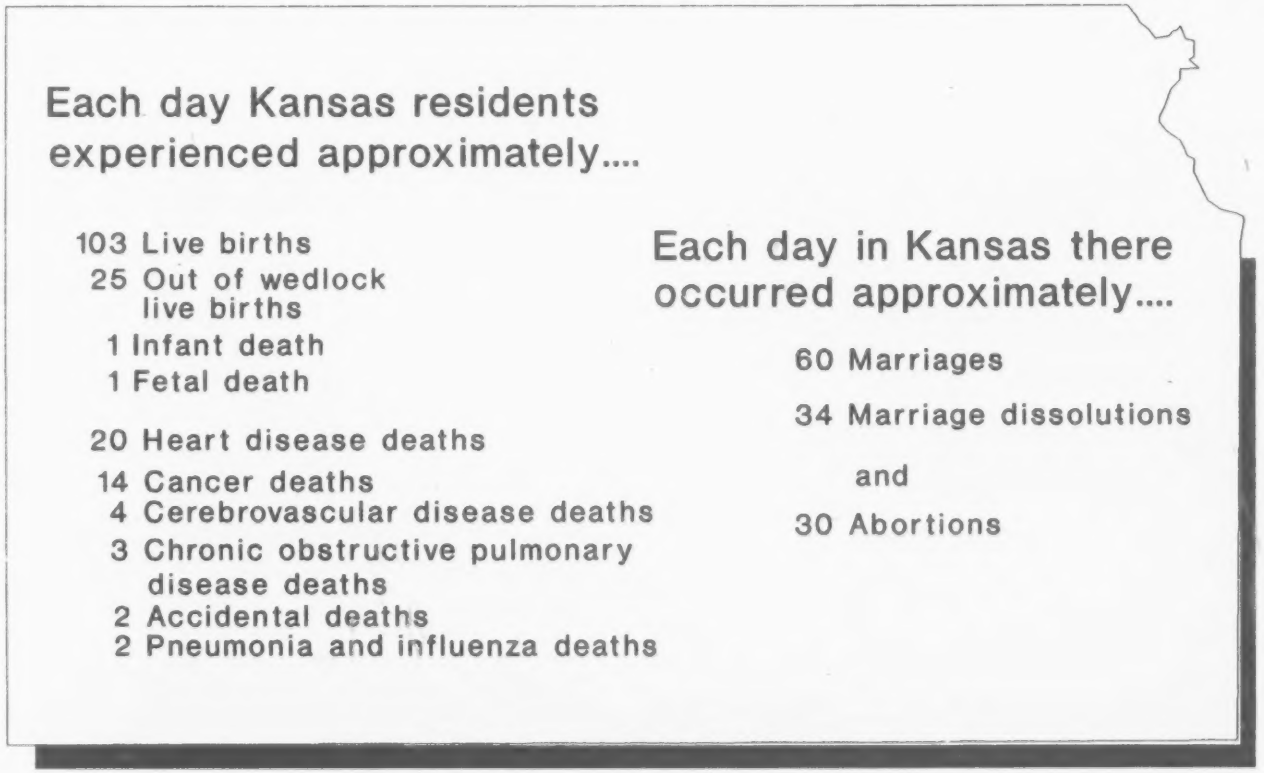
- Between 1982 and 1992, the most significant percentage changes were an 88.4 percent increase in the out-of-wedlock birth ratio and a 30.5 percent decrease in the fetal death rate. (Table 1)

- The live birth rate in 1992 (15.0) decreased 11.2 percent from the 1982 rate of 16.9. The death rate decreased 3.3 percent, from 9.0 in 1982 to 8.7 in 1992. The marriage rate in 1992 decreased 21.6 percent, from 11.1 in 1982 to 8.7 in 1992. The marriage dissolution rate decreased 3.9 percent during this time period, from 5.1 to 4.9. (Table 1, Figure 3)

- Fetal, hebdomadal, perinatal, neonatal and infant death rates decreased considerably from 1982-1992, with percentage decreases of 30.5, 22.8, 28.1, 20.9 and 13.7, respectively. (Table 1, Figure 3)

- Almost half (10,467) of the marriages in 1992 were first marriages for both the bride and groom. (Figure 2)

EVERY DAY DURING 1992*



Each day Kansas residents experienced approximately....

103 Live births
25 Out of wedlock live births
1 Infant death
1 Fetal death

20 Heart disease deaths
14 Cancer deaths
4 Cerebrovascular disease deaths
3 Chronic obstructive pulmonary disease deaths
2 Accidental deaths
2 Pneumonia and influenza deaths

Each day in Kansas there occurred approximately....

60 Marriages

34 Marriage dissolutions

and

30 Abortions

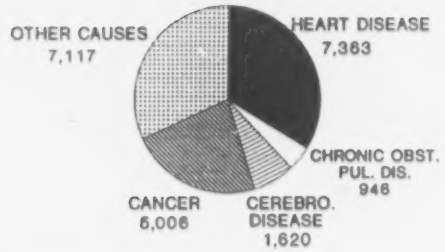
*BASED ON 366 DAYS IN 1992

Figure 1

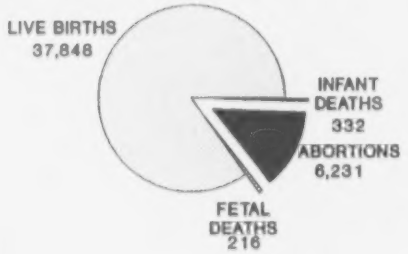
KANSAS VITAL STATISTICS FOR 1992

DEATHS*

TOTAL: 22,052

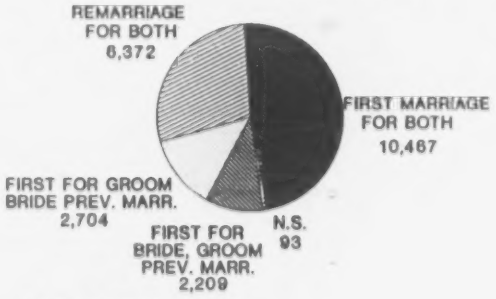


PREGNANCY OUTCOMES*



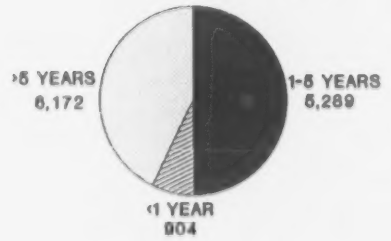
MARRIAGES** BY MARRIAGE ORDER

TOTAL: 21,845



MARRIAGE DISSOLUTIONS** BY DURATION OF MARRIAGE

TOTAL: 12,365



*Residence data
**Occurrence data

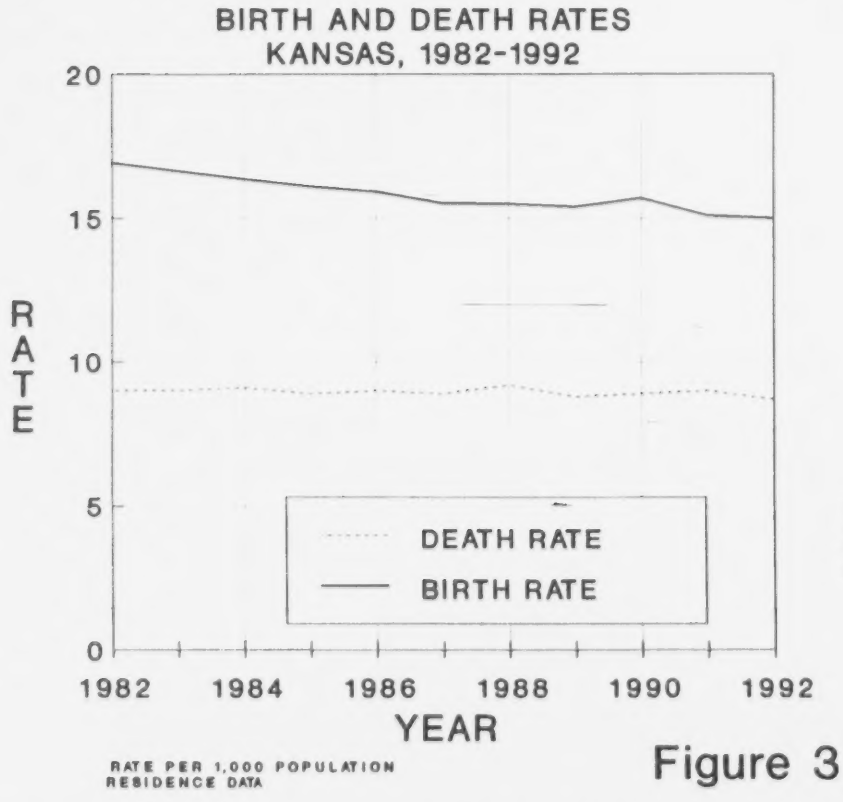
Figure 2

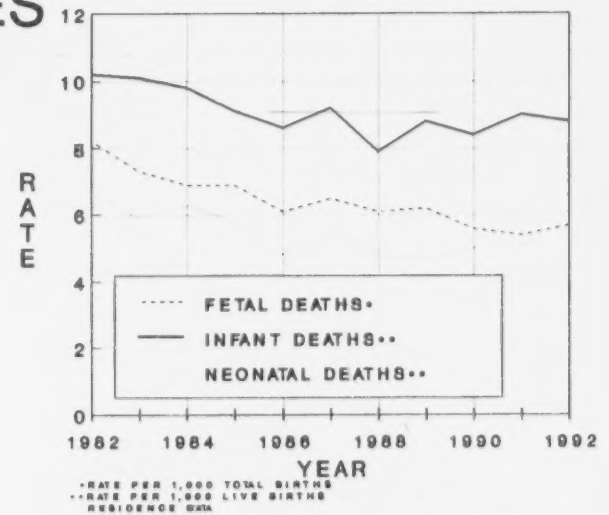
TABLE 1
SELECTED VITAL EVENT RATES AND RATIOS
KANSAS, 1982–1992

Vital Event	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
Live Births											
Number	40,757	40,365	39,954	39,418	39,177	38,435	38,718	38,648	38,872	37,630	37,848
Rate	16.9	16.6	16.4	16.1	15.9	15.5	15.5	15.4	15.7	15.1	15.0
Out-of-Wedlock Births											
Number	5,259	5,243	5,501	5,818	6,549	6,558	6,969	7,624	8,337	8,713	9,183
Ratio	12.9	13.0	13.8	14.8	16.7	17.1	18.0	19.7	21.4	23.2	24.3
Fetal Deaths											
Number	336	296	277	274	242	253	236	240	217	205	216
Rate	8.2	7.3	6.9	6.9	6.1	6.5	6.1	6.2	5.6	5.4	5.7
Hebdomadal Deaths											
Number	234	202	200	184	153	179	161	138	162	158	165
Rate	5.7	5.0	5.0	4.7	3.9	4.7	4.2	3.6	4.2	4.2	4.4
Perinatal Period III Deaths											
Number	570	498	477	458	395	432	397	378	379	363	381
Rate	13.9	12.3	11.9	11.5	10.0	11.2	10.2	9.7	9.7	9.6	10.0
Neonatal Deaths											
Number	273	237	251	227	190	208	186	179	196	191	199
Rate	6.7	5.9	6.3	5.8	4.8	5.4	4.8	4.6	5.0	5.1	5.3
Infant Deaths											
Number	417	406	392	357	337	353	304	339	325	337	332
Rate	10.2	10.1	9.8	9.1	8.6	9.2	7.9	8.8	8.4	9.0	8.8
Maternal Deaths											
Number	3	4	4	3	1	1	4	3	5	1	2
Rate	0.7	1.0	1.0	0.8	0.3	0.3	1.0	0.8	1.3	0.3	0.5
Deaths											
Number	21,700	21,816	22,184	21,808	22,133	21,995	22,889	22,082	22,173	22,363	22,052
Rate	9.0	9.0	9.1	8.9	9.0	8.9	9.2	8.8	8.9	9.0	8.7
Marriages											
Number	26,670	25,877	24,737	23,281	22,667	22,220	22,705	22,214	22,720	21,786	21,845
Rate	11.1	10.7	10.1	9.5	9.2	9.0	9.1	8.8	9.2	8.7	8.7
Divorces and Annulments											
Number	12,392	12,207	12,905	12,794	12,364	12,218	12,475	12,296	12,580	12,590	12,365
Rate	5.1	5.0	5.3	5.2	5.0	4.9	5.0	4.9	5.1	5.0	4.9

Residence data are presented for births and deaths
Occurrence data are presented for marriages, divorces and annulments

SELECTED VITAL EVENT RATES KANSAS, 1982-1992





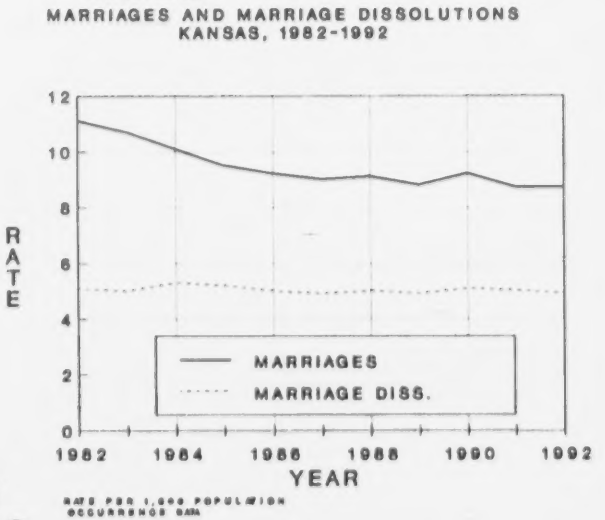


Figure 3

Population

POPULATION HIGHLIGHTS

- Kansas increased in population from 2,495,000 residents in 1991 to 2,522,574 residents in 1992, a 1.1 percent increase. Finney, Douglas and Johnson counties had the largest increases in population from 1988 to 1992 with percent changes of 18.2, 11.3 and 10.1 respectively. Doniphan, Rawlins and Wilson counties had the largest decreases in population with percent changes of 11.2, 10.2 and 9.9 respectively. (Table 2)

- According to U.S. Census Bureau's intercensal estimates, there were 2,522,574 Kansans in 1992, an 11.2 percent increase in total population since 1972. (Figure 4)

- The rate of natural increase has steadily declined from its highest rate of 17.2 in 1954. In 1992, the natural increase rate was 6.3, a 3.3 percent increase from 6.1 in 1991. (Figure 5)

- The median age of Kansans in 1992 was 33.5 years, a 9.8 percent increase from the 30.5 year median age in 1982. This increase in median age indicates that Kansans are increasing in age with Kansas females being older than Kansas males. (Figure 6)

- The percent increase in the Kansas total population from 1982-1992 was 4.6 percent, including a 5.0 percent increase for Kansas males and a 4.4 percent increase for Kansas females. Shifts in the Kansas population distribution by age from 1982 to 1992 include decreases in the 0-4, 15-24 and 25-34 age-groups of 2.6, 17.4 and 2.0 percent respectively and a 12.8 percent increase in Kansas residents 5-14 years of age. An increase of 43.2 percent in residents 35-44 years of age may reflect movement of the baby boomers into the 35-44 age-group. Furthermore, there was a 5.7 and 18.0 percent increase in the 65-74 and 75 and over age-groups respectively. (Figure 7, Table 4)

- The population density of Kansas was 30.8 persons per square mile in 1992, a 27.3 percent increase from 24.2 persons per square mile in 1952 and a 4.8 percent increase in population density since 1982. For comparison, the population density of the U.S. has increased from 43.5 to 70.5 persons per square mile from 1952 to 1992 respectively, a 62.1 percent increase. (Figure 8)

- In 1992, 23 of Kansas' 105 counties had population densities of less than 5.0 persons per square mile. The most sparsely populated county was Wallace, which had a density of 2.0 persons per square mile. The most densely populated county was Wyandotte, with 1087.4 persons per square mile. (Figure 9)

TABLE 2
COUNTY POPULATION*
KANSAS, 1988–1992

County of Residence	Year					Percent Change 1988–1992
	1988	1989	1990	1991	1992	
Kansas	2,496,000	2,513,000	2,477,574	2,495,000	2,522,574	1.1
Allen	15,000	14,800	14,638	14,600	14,351	-4.3
Anderson	8,200	8,100	7,803	7,800	7,710	-6.0
Atchison	17,800	17,800	16,932	16,800	16,675	-6.3
Barber	6,300	5,200	5,874	5,800	5,779	-8.3
Barton	30,300	29,800	29,382	29,300	29,106	-3.9
Bourbon	15,200	15,100	14,966	14,900	14,837	-2.4
Brown	11,400	11,400	11,128	11,100	11,040	-3.2
Butler	50,200	50,900	50,580	51,700	51,912	3.4
Chase	3,100	3,100	3,021	2,900	2,946	-5.0
Chautauqua	4,500	4,400	4,407	4,300	4,277	-5.0
Cherokee	22,100	22,100	21,374	21,500	21,326	-3.5
Cheyenne	3,400	3,400	3,243	3,300	3,153	-7.3
Clark	2,500	2,500	2,418	2,400	2,371	-5.2
Clay	9,100	9,000	9,158	9,100	8,971	-1.4
Cloud	11,400	11,300	11,023	10,900	10,823	-5.1
Coffey	8,800	8,600	8,404	8,500	8,264	-6.1
Comanche	2,400	2,400	2,313	2,200	2,257	-6.0
Cowley	37,300	37,300	36,915	36,500	37,165	-0.4
Crawford	37,100	36,900	35,568	35,600	35,306	-4.8
Decatur	4,100	4,000	4,021	3,900	3,899	-4.9
Dickinson	20,100	20,200	18,958	18,800	18,728	-6.8
Doniphan	9,000	9,000	8,134	8,100	7,988	-11.2
Douglas	76,500	78,000	81,798	83,600	85,156	11.3
Edwards	3,900	3,900	3,787	3,700	3,688	-5.4
Elk	3,500	3,500	3,327	3,200	3,259	-6.9
Ellis	26,500	26,300	26,004	25,800	25,919	-2.2
Ellsworth	6,200	6,200	6,586	6,500	6,612	6.6
Finney	30,900	31,400	33,070	33,400	36,524	18.2
Ford	25,900	25,900	27,463	27,700	28,499	10.0
Franklin	22,500	22,600	21,994	22,200	22,135	-1.6
Geary	29,200	29,000	30,453	29,200	31,156	6.7
Gove	3,400	3,400	3,231	3,300	3,154	-7.2
Graham	3,600	3,500	3,543	3,500	3,472	-3.6
Grant	6,900	6,900	7,159	7,400	7,166	3.9
Gray	5,500	5,500	5,396	5,400	5,440	-1.1
Greeley	1,700	1,700	1,774	1,800	1,764	3.8
Greenwood	7,900	7,800	7,847	7,900	7,709	-2.4
Hamilton	2,300	2,300	2,388	2,300	2,351	2.2
Harper	7,300	7,200	7,124	7,000	7,015	-3.9
Harvey	30,800	30,800	31,028	31,100	31,265	1.5
Haskell	3,900	3,900	3,886	3,900	3,879	-0.5
Hodgeman	2,200	2,200	2,177	2,200	2,173	-1.2
Jackson	11,800	11,900	11,525	11,500	11,540	-2.2
Jefferson	16,900	17,100	15,905	16,000	16,131	-4.6
Jewell	4,400	4,300	4,251	4,100	4,105	-6.7
Johnson	345,700	357,600	355,054	364,800	380,700	10.1
Kearny	4,000	4,000	4,027	4,000	4,164	4.1
Kingman	8,800	8,800	8,292	8,300	8,211	-6.7
Kiowa	3,600	3,500	3,660	3,600	3,602	0.1
Labette	25,200	25,100	23,693	23,700	23,605	-6.3
Lane	2,400	2,400	2,375	2,300	2,336	-2.7
Leavenworth	66,500	68,400	64,371	66,900	66,605	0.2
Lincoln	3,500	3,400	3,653	3,500	3,572	2.1
Linn	8,300	8,300	8,254	8,400	8,328	0.3
Logan	3,100	3,100	3,081	3,100	3,025	-2.4

TABLE 2
COUNTY POPULATION*
KANSAS, 1988–1992

County of Residence	Year					Percent Change 1988–1992
	1988	1989	1990	1991	1992	
Lyon	34,800	34,300	34,732	34,600	34,917	0.3
Marion	12,800	12,700	12,888	12,800	12,790	-0.1
Marshall	12,300	12,200	11,705	11,500	11,433	-7.0
McPherson	27,100	27,000	27,268	27,200	27,484	1.4
Meade	4,400	4,300	4,247	4,300	4,183	-4.9
Miami	23,900	24,300	23,486	23,800	24,084	0.8
Mitchell	7,400	7,300	7,203	7,200	7,051	-4.7
Montgomery	40,900	40,700	38,816	38,800	38,260	-6.5
Morris	6,500	6,500	6,198	6,300	6,187	-4.8
Morton	3,500	3,500	3,480	3,400	3,422	-2.2
Nemaha	10,800	10,800	10,446	10,500	10,360	-4.1
Neosho	18,100	17,900	17,035	17,200	16,805	-7.2
Ness	4,200	4,100	4,033	4,000	3,925	-6.5
Norton	6,200	6,100	5,947	5,800	5,810	-6.3
Osage	16,100	16,100	15,248	15,500	15,274	-5.1
Osborne	5,200	5,100	4,867	5,000	4,720	-9.2
Ottawa	5,800	5,800	5,634	5,600	5,570	-4.0
Pawnee	7,500	7,400	7,555	7,600	7,380	-1.6
Phillips	6,900	6,900	6,590	6,500	6,512	-5.6
Pottawatomie	16,300	16,400	16,128	16,500	16,525	1.4
Pratt	10,200	10,100	9,702	9,600	9,537	-6.5
Rawlins	3,700	3,700	3,404	3,400	3,323	-10.2
Reno	64,700	64,800	62,389	62,500	61,746	-4.6
Republic	6,900	6,800	6,482	6,400	6,365	-7.8
Rice	10,900	10,800	10,610	10,400	10,434	-4.3
Riley	62,700	62,300	67,139	64,300	68,159	8.7
Rooks	6,200	6,100	6,039	6,100	5,885	-5.1
Rush	3,800	3,700	3,842	3,800	3,746	-1.4
Russell	7,900	7,700	7,835	7,800	7,637	-3.3
Saline	50,000	50,000	49,301	50,200	49,193	-1.6
Scott	5,400	5,300	5,289	5,300	5,208	-3.6
Sedgwick	402,100	406,700	403,662	410,500	413,328	2.8
Seward	18,500	18,600	18,743	18,700	19,304	4.3
Shawnee	164,800	166,200	160,976	162,500	163,301	-0.9
Sheridan	3,200	3,200	3,043	3,000	2,981	-6.8
Sherman	6,800	6,700	6,926	6,800	6,800	0.0
Smith	5,300	5,300	5,078	4,800	4,977	-6.1
Stafford	5,300	5,200	5,365	5,200	5,302	0.0
Stanton	2,400	2,400	2,333	2,400	2,355	-1.9
Stevens	4,900	4,900	5,048	5,100	5,124	4.6
Sumner	25,600	25,700	25,841	26,000	26,070	1.8
Thomas	8,400	8,300	8,258	8,300	8,250	-1.8
Trego	3,900	3,800	3,694	3,600	3,594	-7.8
Wabaunsee	6,700	6,700	6,603	6,500	6,570	-1.9
Wallace	2,000	2,000	1,821	1,800	1,805	-9.8
Washington	7,500	7,400	7,073	7,000	6,893	-8.1
Wichita	2,900	2,900	2,758	2,700	2,721	-6.2
Wilson	11,200	11,100	10,289	10,100	10,091	-9.9
Woodson	4,000	3,900	4,116	4,000	4,017	0.4
Wyandotte	172,800	173,100	161,993	160,400	162,022	-6.2

* Estimates for 1988–1989 and 1991 may not add to total due to rounding

Source: 1988 and 1990–1991, U.S. Bureau of the Census
1989, KDHE
1992, Kansas Division of the Budget–State Demographer. County estimates have been adjusted to the Census total for the state.

TABLE 3
CITY POPULATION*
KANSAS, 1988–1992

City of Residence	Year					Percent Change 1988–1992
	1988	1989	1990	1991	1992	
Abilene	6,500	6,500	6,242	6,200	6,200	-4.6
Andover	4,400	4,500	4,047	4,100	4,200	-4.5
Anthony	2,500	2,500	2,516	2,500	2,500	0.0
Arkansas City	13,100	13,100	12,762	12,600	12,800	-2.3
Atchison	11,200	11,200	10,656	10,600	10,500	-6.3
Augusta	7,400	7,500	7,676	8,100	8,100	9.5
Baldwin City	2,900	3,000	2,961	3,000	3,100	6.9
Baxter Springs	4,400	4,400	4,351	4,400	4,300	-2.3
Belleville	2,500	2,500	2,517	2,500	2,500	0.0
Beloit	3,800	3,700	4,066	4,100	4,000	5.3
Bonner Springs	6,900	6,900	6,413	6,300	6,400	-7.2
Burlington	2,800	2,700	2,735	2,800	2,700	-3.6
Chanute	9,500	9,400	9,488	9,600	9,400	-1.1
Cherryvale	2,600	2,600	2,464	2,500	2,400	-7.7
Clay Center	4,500	4,500	4,613	4,600	4,500	0.0
Coffeyville	13,800	13,700	12,917	12,900	12,700	-8.0
Colby	5,500	5,400	5,396	5,400	5,400	-1.8
Columbus	3,400	3,400	3,268	3,300	3,300	-2.9
Concordia	6,300	6,200	6,167	6,100	6,100	-3.2
Derby	14,000	14,200	14,699	14,900	15,100	7.9
Dodge City	19,400	19,400	21,129	21,300	21,900	12.9
Edwardsville	3,500	3,500	3,979	3,900	4,000	14.3
El Dorado	10,900	11,100	11,504	11,800	11,800	8.3
Ellinwood	2,300	2,300	2,329	2,300	2,300	0.0
Emporia	24,300	24,000	25,512	25,400	25,600	5.3
Eudora	3,600	3,700	3,006	3,100	3,100	-13.9
Eureka	3,000	3,000	2,974	3,000	2,900	-3.3
Fairway	4,700	4,900	4,173	4,300	4,500	-4.3
Fort Scott	8,000	7,900	8,362	8,300	8,300	3.8
Fredonia	2,600	2,600	2,599	2,600	2,500	-3.8
Frontenac	2,500	2,500	2,588	2,600	2,600	4.0
Galena	3,400	3,400	3,308	3,300	3,300	-2.9
Garden City	23,300	23,700	24,097	24,300	26,600	14.2
Garnett	3,000	3,000	3,210	3,200	3,200	6.7
Girard	2,900	2,900	2,794	2,800	2,800	-3.4
Goodland	4,900	4,800	4,983	4,900	4,900	0.0
Great Bend	15,900	15,600	15,427	15,400	15,300	-3.8
Hays	16,900	16,800	17,767	17,800	17,700	4.7
Haysville	8,900	9,000	8,364	8,500	8,600	-3.4
Herington	2,900	2,900	2,685	2,700	2,700	-6.9
Hesston	2,700	2,700	3,012	3,000	3,000	11.1
Hiawatha	3,600	3,600	3,603	3,600	3,600	0.0
Hillsboro	2,500	2,500	2,704	2,700	2,700	8.0
Hoisington	3,300	3,200	3,182	3,200	3,200	-3.0
Holton	2,900	2,900	3,196	3,200	3,200	10.3

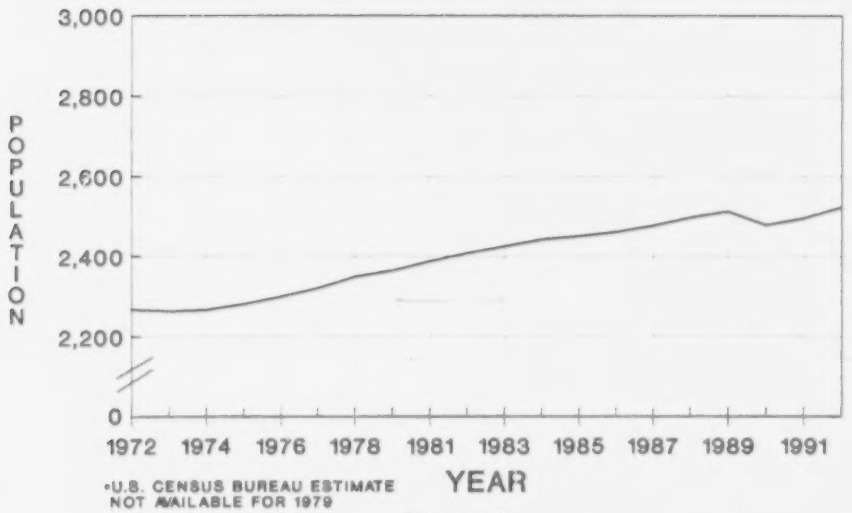
TABLE 3
CITY POPULATION*
KANSAS, 1988–1992

City of Residence	Year					Percent Change 1988–1992
	1988	1989	1990	1991	1992	
Hugoton	3,400	3,400	3,179	3,200	3,200	-5.9
Hutchinson	40,900	41,000	39,308	39,400	38,900	-4.9
Independence	10,400	10,300	9,942	9,900	9,800	-5.8
Iola	6,400	6,300	6,351	6,300	6,200	-3.1
Junction City	20,300	20,200	20,604	19,800	21,100	3.9
Kansas City	160,600	160,900	149,767	148,300	149,800	-6.7
Kingman	3,400	3,400	3,196	3,200	3,200	-5.9
Lansing	8,300	8,500	7,120	7,400	7,400	-10.8
Larned	4,400	4,300	4,490	4,500	4,400	0.0
Lawrence	59,500	60,700	65,608	67,100	68,300	14.8
Leavenworth	38,700	39,800	38,495	40,000	39,800	2.8
Leawood	18,800	19,400	19,693	20,200	21,100	12.2
Lenexa	34,600	35,800	34,034	35,000	36,500	5.5
Liberal	16,200	16,300	16,573	16,500	17,100	5.6
Lindsborg	3,300	3,300	3,076	3,100	3,100	-6.1
Lyons	3,600	3,600	3,688	3,600	3,600	0.0
Manhattan	33,000	32,800	37,712	38,600	38,400	16.4
Marysville	3,600	3,600	3,359	3,300	3,300	-8.3
McPherson	11,800	11,800	12,422	12,400	12,500	5.9
Medicine Lodge	2,400	2,400	2,453	2,400	2,400	0.0
Merriam	12,500	12,900	11,821	12,100	12,700	1.6
Mission	8,600	8,900	9,504	9,800	10,200	18.6
Mission Hills	4,200	4,300	3,446	3,500	3,700	-11.9
Mulvane	4,700	4,700	4,674	4,800	4,800	2.1
Neodesha	3,100	3,100	2,837	2,800	2,800	-9.7
Newton	16,400	16,400	16,700	16,700	16,800	2.4
Norton	3,000	3,000	3,017	2,900	2,900	-3.3
Olathe	58,700	60,700	63,352	65,100	67,900	15.7
Osage City	2,700	2,700	2,689	2,700	2,700	0.0
Osawatomie	4,700	4,800	4,590	4,700	4,700	0.0
Ottawa	10,700	10,700	10,667	10,800	10,700	0.0
Overland Park	106,900	110,600	111,790	114,900	119,900	12.2
Paola	4,400	4,500	4,698	4,800	4,800	9.1
Parsons	12,600	12,600	11,924	11,900	11,900	-5.6
Phillipsburg	2,900	2,900	2,828	2,800	2,800	-3.4
Pittsburg	18,000	17,900	17,775	17,800	17,600	-2.2
Plainville	2,100	2,100	2,173	2,200	2,100	0.0
Prairie Village	23,800	24,600	23,186	23,800	24,900	4.6
Pratt	6,900	6,800	6,687	6,600	6,600	-4.3
Roeland Park	8,200	8,500	7,706	7,900	8,300	1.2
Russell	4,800	4,700	4,781	4,800	4,700	-2.1
Salina	43,200	43,200	42,303	43,100	42,200	-2.3
Scott City	3,700	3,600	3,785	3,800	3,700	0.0
Shawnee	32,200	33,300	37,993	39,000	40,700	26.4
Topeka	122,400	123,400	119,883	121,000	121,600	-0.7
Ulysses	4,800	4,800	5,474	5,700	5,500	14.6
Valley Center	4,400	4,500	3,624	3,700	3,700	-15.9
Wamego	3,800	3,800	3,706	3,800	3,800	0.0
Wellington	8,300	8,300	8,411	8,500	8,500	2.4
Wichita	295,300	298,700	304,011	309,200	311,300	5.4
Winfield	11,300	11,300	11,931	11,800	12,000	6.2

* Includes cities with populations of 2,500 or more as reported by the 1980 U.S. Bureau of the Cens

Source: 1988 and 1990, U.S. Bureau of the Census
1989, 1991 and 1992, KDHE

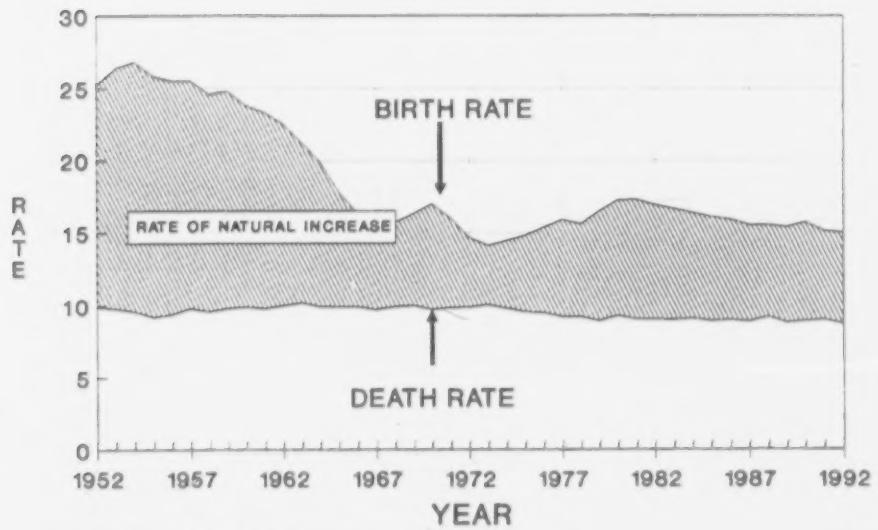
TOTAL POPULATION
KANSAS, 1972-1992*
(IN THOUSANDS)



*U.S. CENSUS BUREAU ESTIMATE
NOT AVAILABLE FOR 1979

Figure 4

RATE OF NATURAL INCREASE
KANSAS, 1952-1992



RATE PER 1,000 POPULATION

Figure 5

MEDIAN AGE
KANSAS, 1982-1992

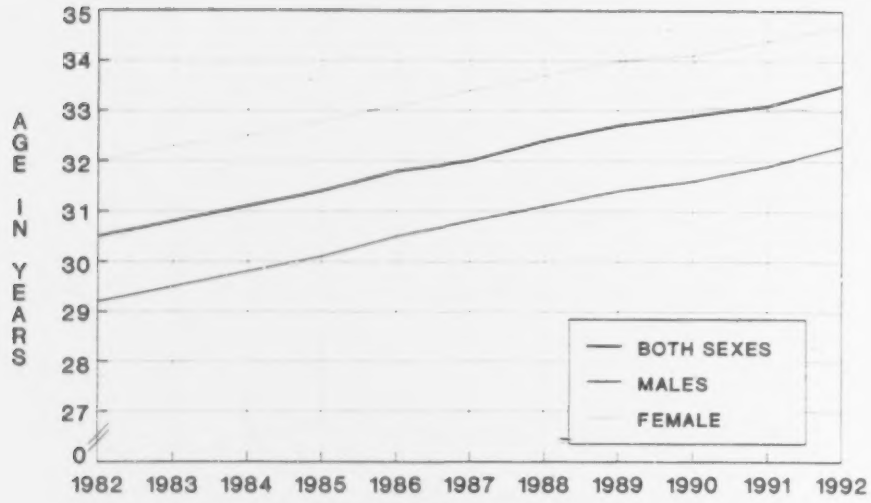


Figure 6

PERCENT CHANGE IN POPULATION
BOTH SEXES
KANSAS, 1982-1992

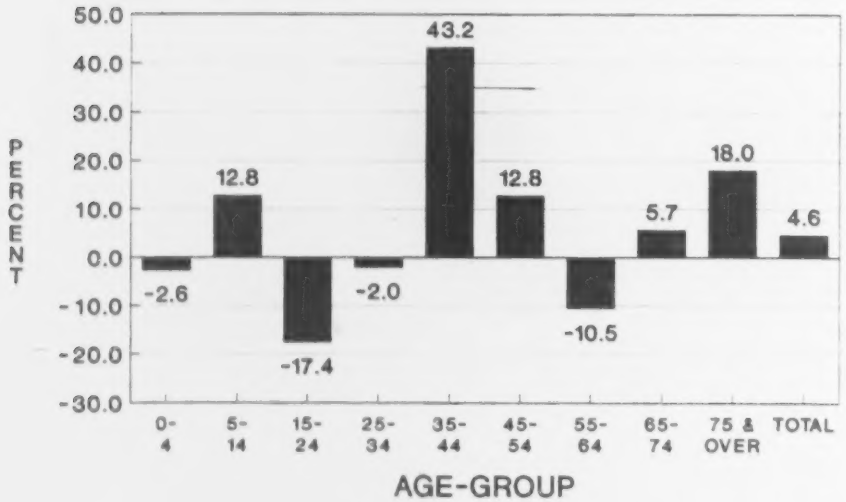


Figure 7

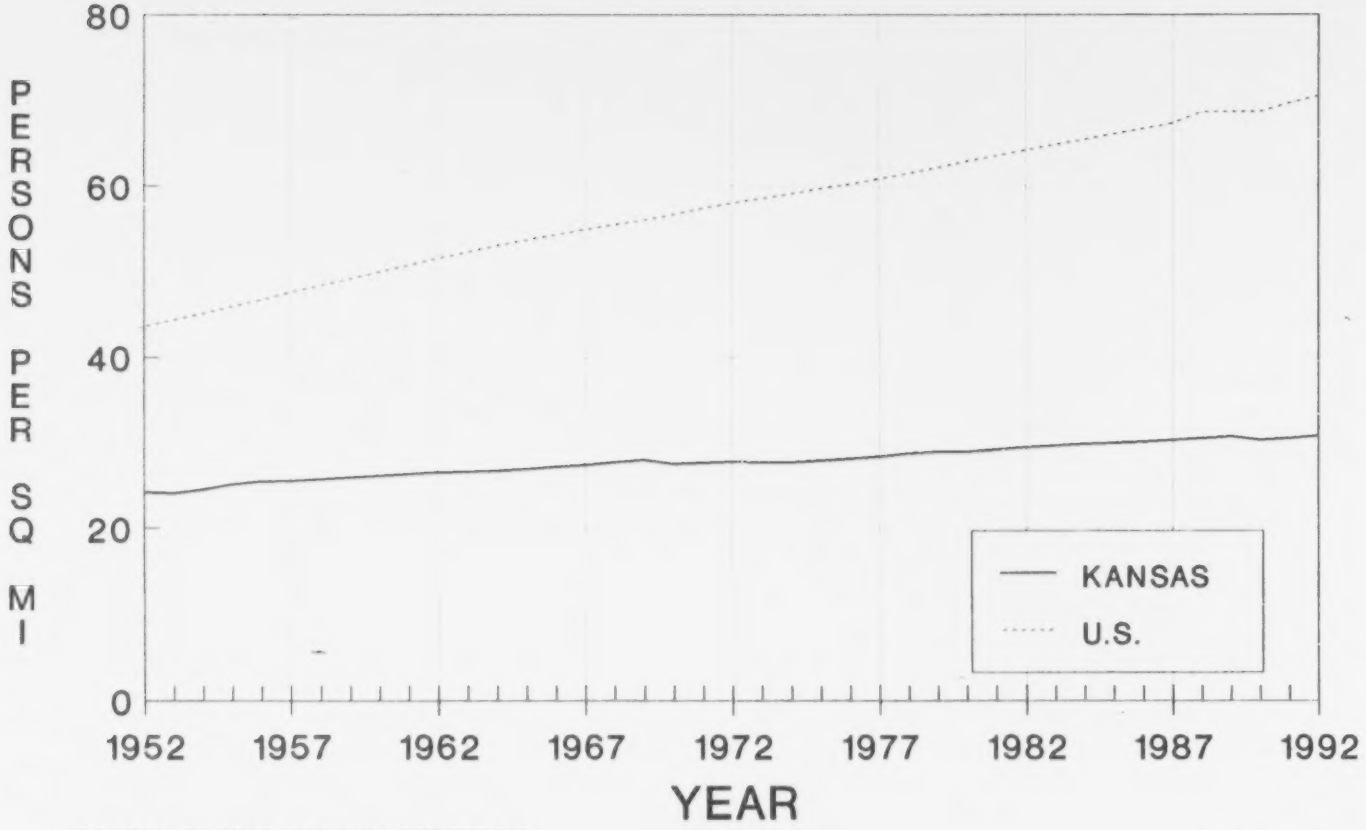
TABLE 4
KANSAS POPULATION BY AGE-GROUP AND SEX*
1982-1992
(IN THOUSANDS)

Age-Group	Year											Percent Change 1982-1992
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	
Both Sexes												
0-4	192	195	196	196	193	192	191	191	188	190	187	-2.6
5-14	343	344	345	346	346	353	360	370	375	382	387	12.8
15-24	430	418	406	393	383	372	364	356	352	352	355	-17.4
25-34	404	415	425	433	441	444	446	442	413	403	396	-2.0
35-44	271	283	295	305	319	331	344	357	361	378	388	43.2
45-54	226	225	224	223	223	226	233	238	235	238	255	12.8
55-64	228	229	229	227	225	222	220	216	209	205	204	-10.5
65-74	176	177	178	179	180	184	184	186	185	186	186	5.7
75 and Over	139	142	145	147	150	153	154	157	158	160	164	18.0
Total	2,410	2,428	2,442	2,449	2,460	2,476	2,495 **	2,513 **	2,478 **	2,495 **	2,522 **	4.6
Median Age	30.5	30.8	31.1	31.4	31.8	32.0	32.4	32.7	32.9	33.1	33.5	9.8
Males												
0-4	99	100	101	101	99	99	98	98	97	96	96	-3.0
5-14	176	177	177	178	178	182	185	190	193	197	199	13.1
15-24	221	215	208	202	197	192	187	183	182	182	183	-17.2
25-34	206	212	216	221	225	227	228	226	208	203	200	-2.9
35-44	134	140	146	151	158	165	171	177	183	191	196	46.3
45-54	111	110	110	109	110	110	114	117	116	117	126	13.5
55-64	108	109	109	108	107	106	105	104	100	98	98	-9.3
65-74	77	78	78	79	80	82	82	84	82	83	83	7.8
75 and Over	49	49	50	51	52	53	53	54	55	56	58	18.4
Total	1,180	1,190	1,196	1,200	1,206	1,214	1,224	1,233	1,215	1,225	1,239	5.0
Median Age	29.2	29.5	29.8	30.1	30.5	30.8	31.1	31.4	31.6	31.9	32.3	10.6
Females												
0-4	93	95	95	95	94	93	93	93	92	92	91	-2.2
5-14	167	167	168	169	168	171	175	180	183	186	188	12.6
15-24	209	203	197	191	186	181	177	173	171	170	172	-17.7
25-34	199	204	209	212	216	218	218	216	205	200	196	-1.5
35-44	136	143	149	154	160	167	173	179	179	187	192	41.2
45-54	115	115	114	114	114	115	119	121	119	120	129	12.2
55-64	120	120	120	119	117	115	115	112	109	107	106	-11.7
65-74	99	99	100	100	100	102	102	102	103	103	103	4.0
75 and Over	91	93	95	96	98	99	101	102	103	105	106	16.5
Total	1,229	1,238	1,246	1,249	1,254	1,262	1,271	1,279	1,263	1,270	1,283	4.4
Median Age	32.0	32.3	32.5	32.8	33.1	33.4	33.7	34.0	34.1	34.4	34.7	8.4

*U.S. Census Bureau estimates for July 1, 1981-1989 and 1991-1992 may not sum to totals due to rounding. The population count for 1990 is for April 1.

**See Technical Notes on page 182.

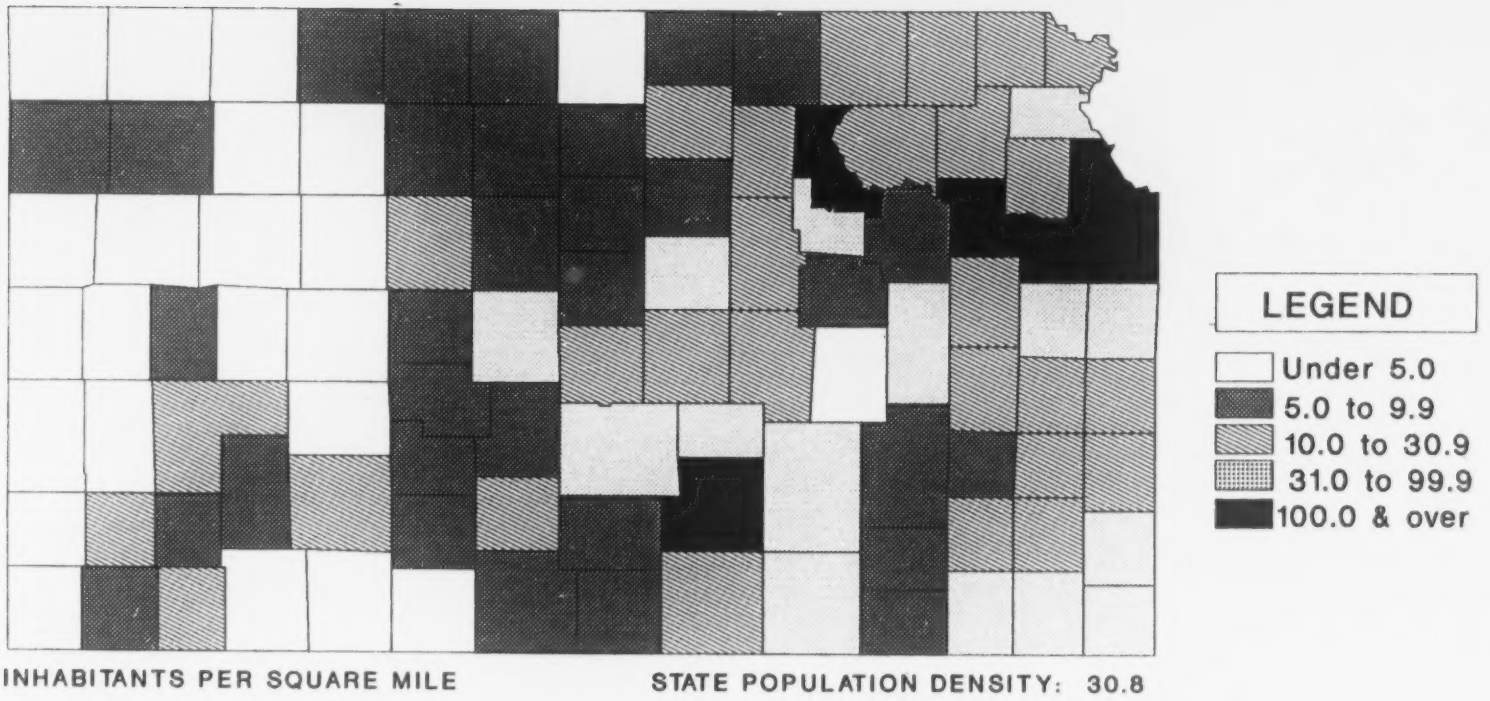
POPULATION DENSITY
KANSAS AND THE U.S., 1952-1992



SOURCE: KANSAS AND U.S. STATISTICAL ABSTRACTS AND U.S. CENSUS BUREAU

Figure 8

POPULATION DENSITY
BY COUNTY OF RESIDENCE
KANSAS, 1992



INHABITANTS PER SQUARE MILE

STATE POPULATION DENSITY: 30.8

Figure 9

Pregnancy Outcomes

PREGNANCY OUTCOME HIGHLIGHTS

- During 1992, 37,848 live births occurred to Kansas residents representing a birth rate of 15.0 per 1,000 population. There was a 0.7 percent decrease in the 1992 birth rate from the 1991 rate of 15.1. (Table 5)

- In 1992, Geary, Finney and Ford counties had the highest county birth rates of 40.0, 23.6 and 20.0 births per 1,000 population respectively. Junction City, Garden City and Dodge City had the highest 1992 city birth rates of 34.4, 25.1 and 21.7 births per 1,000 population respectively. (Tables 5 and 6, Figure 11)

- Geary, Finney and Seward counties had the highest five-year county birth rates of 38.7, 23.7 and 20.8 births per 1,000 population respectively. (Table 5)

- Since 1955, birth rates for Kansas followed national trends and have steadily declined. Kansas birth rates have decreased 40.5 percent during the last 40 years from a rate of 25.2 births per 1,000 population in 1952 to a rate of 15.0 in 1992. After being above the U.S. birth rate since 1975, the Kansas rate dropped below the national rate in 1987. (Table 7, Figure 10)

- Kansas fertility rates have followed national trends and indicate a steady decline from 122.0 to 67.6 births per 1,000 female population aged 15-44 in 1952 and 1992 respectively. The increase in the fertility rate from 68.0 in 1989 to 70.1 in 1990 can be explained, in part, by the use of actual census counts for the 1990 female population. The Kansas fertility rate in 1992 (67.6) was, 2.5 percent lower than the national rate of 69.3. (Table 7, Figure 12)

- Age-specific fertility rates for Kansas during the years 1982-1992 decreased 7.7 percent for the 15-24 age-group. Subsequently, age-specific fertility rates increased 2.7 percent for the 25-34 age-group and 48.7 percent for the 35-44 age-group. These shifts in fertility rates by age-group indicate a trend toward women in Kansas delaying childbirth until later years. (Table 8, Figure 13)

- In 1992, 40.4 percent of all Kansas live births occurred to women in the 15-24 age-group, 50.9 percent of live births occurred to women in the 25-34 age-group and 8.5 percent occurred to women in the 35-44 age-group. For comparison, in 1992, 24.5 percent of all Kansas live births had fathers in the 15-24 age-group, 57.1 percent were in the 25-34 age-group and 17.1 percent had fathers in the 35-44 age group. (Tables 9 and 10)

- Seven percent (7.1) of live births in 1992 were preterm (less than 37 completed weeks of gestation) while nearly 93 percent (92.9) occurred during 37 or more weeks of gestation. (Table 11)

PREGNANCY OUTCOME HIGHLIGHTS (Cont.)

- In 1992, 83.9 percent of Kansas live births both occurred to women 15-34 years of age and weighed 2,500-4,499 grams. (Table 13)

- Birth weights for Kansas live births in 1992 were distributed as follows: 6.5 percent of live births weighed under 2,500 grams (low birth weight), 91.8 percent weighed 2,500-4,499 grams (normal birth weight) and 1.7 percent weighed over 4,499 grams (heavy birth weight). (Tables 12 and 13)

- In 1992, 37.8 percent of Kansas live births were first births. Of the 14,290 first births, 57.8 percent occurred to women in the 15-24 age-group. (Table 14, Figure 14)

- In 1992, 88.5 percent of Kansas live births were to white mothers, 8.8 percent were to black mothers and 2.7 percent were to mothers of other races. Furthermore, 51.3 percent of Kansas live births were male and 48.7 percent were female. (Table 15)

- In 1992, there were 9,183 out-of-wedlock births to Kansas residents. Of those births, 72.6 percent occurred to women in the 15-24 age-group. For comparison, in 1982, 79.2 percent occurred to women in this age group. Out-of-wedlock births comprised 24.3 percent of all live births that occurred to Kansas residents in 1992, an 88.4 percent increase from 12.9 percent of live births in 1982. (Table 16)

- The out-of-wedlock birth ratio has maintained an upward trend since 1952, a trend similar to that of the national ratio. In 1992, the out-of-wedlock birth ratio was 24.3 an increase of 4.7 percent from the 1991 ratio of 23.2. (Figure 15)

- The pregnancy rate for females ages 10-19 decreased 13.4 percent from 40.2 pregnancies per 1,000 in 1982 to 34.8 in 1992. (Table 17, Figure 16)

- In 1992, 85.5 percent of non-teen mothers received prenatal care in the first trimester of pregnancy while only 67.5 percent of teen mothers received prenatal care in the first trimester. The percent of teens who received no prenatal care (1.7) was more than double that for non-teens (0.8). (Figure 17)

- Of the births to teenage women in 1992, 79.5 percent were to whites and 18.1 percent were to blacks. For comparison, in 1982, 83.9 percent of births to teenage women were to whites and 13.8 percent were to blacks. (Figure 18)

PREGNANCY OUTCOME HIGHLIGHTS (Cont.)

- In 1992, the abortion ratio for Kansas residents was 164.6 abortions per 1,000 live births, an increase of 9.0 percent from the 151.0 ratio in 1982. The large increase between the 1990 and 1991 abortion ratios (50.2 percent) does not reflect an increase in the number of abortions being performed but rather an increase in the number of providers voluntarily reporting data. (Figure 19, Table 18)

- In 1992, 5,969 abortions that occurred in the State were performed for Kansas residents and 4,904 were performed for non-Kansans. An additional 262 abortions to Kansas residents occurred out of state. Of those Kansas residents receiving abortions, 59.5 percent were in the 15-24 age-group, 80.8 percent were unmarried and 80.7 percent were white. (Figure 20, Tables 18 and 19)

TABLE 5
LIVE BIRTHS BY NUMBER AND RATE* BY COUNTY OF RESIDENCE
KANSAS 1988–1992

County of Residence	Year										5-Year Rate
	1988		1989		1990		1991		1992		
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	
Kansas	38,718	15.5	38,648	15.4	38,872	15.7	37,630	15.1	37,848	15.0	15.3
Allen	185	12.3	226	15.3	156	10.7	208	14.2	176	12.3	13.0
Anderson	90	11.0	113	14.0	89	11.4	100	12.8	96	12.5	12.3
Atchison	231	13.0	271	15.2	224	13.2	211	12.6	215	12.9	13.4
Barber	95	15.1	72	11.6	78	13.3	58	10.0	69	11.9	12.4
Barton	455	15.0	452	15.2	446	15.2	430	14.7	401	13.8	14.8
Bourbon	222	14.6	234	15.5	214	14.3	223	15.0	194	13.1	14.5
Brown	161	14.1	163	14.3	171	15.4	152	13.7	144	13.0	14.1
Butler	615	12.3	696	13.7	737	14.6	739	14.3	736	14.2	13.8
Chase	51	16.5	42	13.5	23	7.6	38	13.1	32	10.9	12.3
Chautauqua	54	12.0	50	11.4	38	8.6	38	8.8	36	8.4	9.8
Cherokee	290	13.1	267	12.1	276	12.9	306	14.2	276	12.9	13.0
Cheyenne	39	11.5	36	10.6	33	10.2	31	9.4	34	10.8	10.5
Clark	26	10.4	27	10.8	23	9.5	24	10.0	32	13.5	10.8
Clay	114	12.5	113	12.6	85	9.3	98	10.8	137	15.3	12.1
Cloud	144	12.6	128	11.3	113	10.3	97	8.9	112	10.3	10.7
Coffey	106	12.0	91	10.6	118	14.0	95	11.2	92	11.1	11.8
Comanche	37	15.4	27	11.3	28	12.1	28	12.7	29	12.8	12.9
Cowley	547	14.7	503	13.5	513	13.9	480	13.2	527	14.2	13.9
Crawford	429	11.6	442	12.0	396	11.1	482	13.5	467	13.2	12.3
Decatur	40	9.8	65	16.3	37	9.2	46	11.8	32	8.2	11.1
Dickinson	258	12.8	243	12.0	246	13.0	275	14.6	266	14.2	13.3
Doniphan	95	10.6	97	10.8	97	11.9	109	13.5	96	12.0	11.8
Douglas	1,039	13.6	1,131	14.5	1,065	13.0	1,081	12.9	1,050	12.3	13.3
Edwards	50	12.8	37	9.5	36	9.5	43	11.6	41	11.1	10.9
Elk	40	11.4	38	10.9	31	9.3	33	10.3	28	8.6	10.1
Ellis	360	13.6	336	12.8	310	11.9	309	12.0	298	11.5	12.4
Ellsworth	79	12.7	63	10.2	69	10.5	58	8.9	60	9.1	10.3
Finney	750	24.3	785	25.0	734	22.2	788	23.6	863	23.6	23.7
Ford	506	19.5	528	20.4	573	20.9	591	21.3	571	20.0	20.4
Franklin	322	14.3	350	15.5	343	15.6	324	14.6	344	15.5	15.1
Geary	1,123	38.5	1,147	39.6	1,247	40.9	1,007	34.5	1,246	40.0	38.7
Gove	43	12.6	41	12.1	43	13.3	53	16.1	27	8.6	12.5
Graham	50	13.9	34	9.7	41	11.6	38	10.9	31	8.9	11.0
Grant	118	17.1	120	17.4	129	18.0	143	19.3	123	17.2	17.8
Gray	77	14.0	84	15.3	70	13.0	79	14.6	80	14.7	14.3
Greeley	33	19.4	23	13.5	28	15.8	23	12.8	24	13.6	15.0
Greenwood	93	11.8	78	10.0	92	11.7	75	9.5	74	9.6	10.5
Hamilton	40	17.4	40	17.4	26	10.9	32	13.9	29	12.3	14.4
Harper	93	12.7	81	11.3	89	12.5	79	11.3	90	12.8	12.1
Harvey	381	12.4	422	13.7	436	14.1	408	13.1	413	13.2	13.3
Haskell	68	17.4	70	17.9	68	17.5	83	21.3	76	19.6	18.7
Hodgeman	33	15.0	30	13.6	40	18.4	29	13.2	27	12.4	14.5
Jackson	164	13.9	159	13.4	166	14.4	153	13.3	148	12.8	13.6
Jefferson	232	13.7	194	11.3	196	12.3	182	11.4	186	11.5	12.0
Jewell	60	13.6	40	9.3	33	7.8	34	8.3	35	8.5	9.5
Johnson	5,420	15.7	5,539	15.5	5,759	16.2	5,545	15.2	5,623	14.8	15.5
Kearny	84	21.0	72	18.0	76	18.9	71	17.8	66	15.9	18.3
Kingman	112	12.7	111	12.6	95	11.5	98	11.8	98	11.9	12.1
Kiowa	58	16.1	47	13.4	49	13.4	37	10.3	47	13.0	13.2
Labette	347	13.8	350	13.9	359	15.2	298	12.6	304	12.9	13.7
Lane	25	10.4	34	14.2	26	10.9	28	12.2	29	12.4	12.0
Leavenworth	845	12.7	832	12.2	898	13.9	893	13.3	826	12.4	12.9
Lincoln	39	11.1	33	9.7	38	10.4	34	9.7	33	9.2	10.0
Linn	125	15.1	84	10.1	99	12.0	102	12.1	87	10.4	11.9
Logan	35	11.3	36	11.6	37	12.0	43	13.9	36	11.9	12.1

TABLE 5
LIVE BIRTHS BY NUMBER AND RATE*
BY COUNTY OF RESIDENCE
KANSAS 1988–1992

County of Residence	Year										5-Year Rate
	1988		1989		1990		1991		1992		
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	
Lyon	551	15.8	516	15.0	523	15.1	535	15.5	500	14.3	15.1
Marion	149	11.6	142	11.2	132	10.2	147	11.5	159	12.4	11.4
Marshall	175	14.2	165	13.5	121	10.3	131	11.4	112	9.8	11.8
McPherson	375	13.8	391	14.5	384	14.1	336	12.4	350	12.7	13.5
Meade	68	15.5	45	10.5	72	17.0	63	14.7	63	15.1	14.6
Miami	347	14.5	321	13.2	352	15.0	323	13.6	302	12.5	13.8
Mitchell	76	10.3	85	11.6	92	12.8	97	13.5	78	11.1	11.9
Montgomery	545	13.3	551	13.5	549	14.1	486	12.5	411	10.7	12.8
Morris	81	12.5	82	12.6	79	12.7	71	11.3	80	12.9	12.4
Morton	53	15.1	35	10.0	37	10.6	48	14.1	45	13.2	12.6
Nemaha	167	15.5	167	15.5	138	13.2	124	11.8	121	11.7	13.5
Neosho	217	12.0	224	12.5	253	14.9	224	13.0	197	11.7	12.8
Ness	54	12.9	34	8.3	38	9.4	38	9.5	38	9.7	10.0
Norton	57	9.2	73	12.0	56	9.4	50	8.6	65	11.2	10.1
Osage	203	12.6	208	12.9	192	12.6	197	12.7	206	13.5	12.9
Osborne	52	10.0	76	14.9	56	11.5	47	9.4	48	10.2	11.2
Ottawa	69	11.9	64	11.0	60	10.6	60	10.7	54	9.7	10.8
Pawnee	100	13.3	86	11.6	69	9.1	73	9.6	81	11.0	10.9
Phillips	92	13.3	81	11.7	73	11.1	77	11.8	61	9.4	11.5
Pottawatomie	244	15.0	243	14.8	272	16.9	219	13.3	237	14.3	14.9
Pratt	124	12.2	107	10.6	118	12.2	120	12.5	121	12.7	12.0
Rawlins	40	10.8	44	11.9	42	12.3	40	11.8	34	10.2	11.4
Reno	812	12.6	840	13.0	830	13.3	790	12.6	769	12.5	12.8
Republic	78	11.3	62	9.1	67	10.3	49	7.7	68	10.7	9.8
Rice	143	13.1	147	13.6	139	13.1	131	12.6	124	11.9	12.9
Riley	928	14.8	925	14.8	819	12.2	797	12.4	890	13.1	13.5
Rooks	77	12.4	86	14.1	70	11.6	71	11.6	71	12.1	12.4
Rush	38	10.0	39	10.5	45	11.7	35	9.2	36	9.6	10.2
Russell	92	11.6	70	9.1	84	10.7	76	9.7	67	8.8	10.0
Saline	756	15.1	727	14.5	735	14.9	743	14.8	775	15.8	15.0
Scott	82	15.2	81	15.3	79	14.9	66	12.5	72	13.8	14.3
Sedgwick	7,491	18.6	7,474	18.4	7,538	18.7	7,470	18.2	7,580	18.3	18.4
Seward	388	21.0	383	20.6	397	21.2	403	21.6	377	19.5	20.8
Shawnee	2,495	15.1	2,415	14.5	2,491	15.5	2,340	14.4	2,327	14.2	14.7
Sheridan	36	11.3	43	13.4	41	13.5	31	10.3	32	10.7	11.8
Sherman	121	17.8	110	16.4	100	14.4	83	12.2	85	12.5	14.7
Smith	55	10.4	47	8.9	49	9.6	44	9.2	51	10.2	9.7
Stafford	77	14.5	75	14.4	58	10.8	55	10.6	53	10.0	12.1
Stanton	34	14.2	46	19.2	48	20.6	45	18.8	41	17.4	18.0
Stevens	79	16.1	82	16.7	82	16.2	65	12.7	83	16.2	15.6
Sumner	373	14.6	351	13.7	380	14.7	340	13.1	364	14.0	14.0
Thomas	139	16.5	105	12.7	130	15.7	129	15.5	112	13.6	14.8
Trego	40	10.3	30	7.9	35	9.5	34	9.4	36	10.0	9.4
Wabaunsee	82	12.2	65	9.7	82	12.4	81	12.5	84	12.8	11.9
Wallace	24	12.0	29	14.5	33	18.1	25	13.9	24	13.3	14.4
Washington	79	10.5	83	11.2	75	10.6	60	8.6	76	11.0	10.4
Wichita	45	15.5	27	9.3	43	15.6	40	14.8	45	16.5	14.3
Wilson	134	12.0	123	11.1	123	12.0	115	11.4	121	12.0	11.7
Woodson	38	9.5	26	6.7	48	11.7	37	9.3	32	8.0	9.0
Wyandotte	3,015	17.4	3,090	17.9	3,103	19.2	2,907	18.1	2,878	17.8	18.1

*Rate per 1,000 population

TABLE 6
LIVE BIRTHS BY NUMBER AND RATE*
BY CITY OF RESIDENCE
KANSAS, 1988–1992

City of Residence	Year										5-Year Rate
	1988		1989		1990		1991		1992		
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	
Abilene	76	11.7	92	14.2	88	13.8	96	15.5	90	14.5	13.9
Andover	49	11.1	50	11.1	56	13.8	55	13.4	47	11.2	12.1
Anthony	28	11.2	27	10.8	26	10.3	31	12.4	34	13.6	11.7
Arkansas City	201	15.3	185	14.1	194	15.2	196	15.6	200	15.6	15.2
Atchison	162	14.5	203	18.1	154	14.5	143	13.5	149	14.2	15.0
Augusta	101	13.7	121	16.1	149	18.9	136	16.8	123	15.2	16.1
Baldwin City	37	12.8	41	13.7	37	12.5	34	11.3	34	11.0	12.3
Baxter Springs	64	14.6	59	13.4	73	16.8	69	15.7	61	14.2	14.9
Belleville	29	11.6	27	10.8	26	10.3	16	6.4	27	10.8	10.0
Beloit	37	9.7	48	13.0	49	12.1	53	12.9	45	11.3	11.8
Bonner Springs	98	14.2	99	14.3	111	17.3	91	14.4	106	16.6	15.4
Burlington	37	13.2	38	14.1	39	14.3	38	13.6	29	10.7	13.2
Chanute	130	13.7	130	13.8	151	15.9	132	13.8	126	13.4	14.1
Cherryvale	35	13.5	34	13.1	21	8.5	38	15.2	34	14.2	12.9
Clay Center	59	13.1	60	13.3	41	8.9	57	12.4	80	17.8	13.1
Coffeyville	198	14.4	208	15.2	221	17.1	192	14.9	154	12.1	14.7
Colby	78	14.2	69	12.8	80	14.8	87	16.1	80	14.8	14.5
Columbus	47	13.8	44	12.9	44	13.5	52	15.8	50	15.2	14.2
Concordia	79	12.5	71	11.5	68	11.0	53	8.7	76	12.5	11.2
Derby	213	15.2	232	16.3	225	15.3	231	15.5	248	16.4	15.7
Dodge City	418	21.6	454	23.4	510	24.1	512	24.0	476	21.7	23.0
Edwardsville	52	14.9	43	12.3	53	13.3	50	12.8	40	10.0	12.7
El Dorado	143	13.1	182	16.4	177	15.4	185	15.7	183	15.5	15.2
Ellinwood	26	11.3	34	14.8	25	10.7	30	13.0	34	14.8	12.9
Emporia	420	17.3	405	16.9	408	16.0	419	16.5	402	15.7	16.5
Eudora	44	12.2	47	12.7	34	11.3	19	6.1	36	11.6	10.8
Eureka	42	14.0	31	10.3	39	13.1	25	8.3	30	10.3	11.2
Fairway	59	12.6	71	14.5	72	17.3	56	13.0	63	14.0	14.3
Fort Scott	125	15.6	138	17.5	134	16.0	136	16.4	113	13.6	15.8
Fredonia	32	12.3	35	13.5	30	11.5	27	10.4	30	12.0	11.9
Frontenac	23	9.2	39	15.6	22	8.5	29	11.2	24	9.2	10.7
Galena	57	16.8	53	15.6	44	13.3	62	18.8	51	15.5	16.0
Garden City	574	24.6	566	23.9	573	23.8	627	25.8	668	25.1	24.6
Garnett	33	11.0	55	18.3	40	12.5	47	14.7	47	14.7	14.2
Girard	29	10.0	35	12.1	32	11.5	32	11.4	30	10.7	11.1
Goodland	79	16.1	82	17.1	76	15.3	63	12.9	72	14.7	15.2
Great Bend	250	15.7	259	16.6	254	16.5	251	16.3	223	14.6	15.9
Hays	257	15.2	248	14.8	226	12.7	235	13.4	220	12.4	13.7
Haysville	96	10.8	88	9.8	96	11.5	90	10.6	86	10.0	10.5
Herington	45	15.5	29	10.0	32	11.9	27	10.0	37	13.7	12.2
Hesston	20	7.4	32	11.9	11	3.7	14	4.7	13	4.3	6.4
Hiawatha	59	16.4	45	12.5	65	18.0	46	12.8	46	12.8	14.5
Hillsboro	20	8.0	32	12.8	20	7.4	26	9.6	34	12.6	10.1
Hoisington	42	12.7	46	14.4	41	12.9	44	13.8	44	13.8	13.5
Holton	45	15.5	46	15.9	47	14.7	41	12.8	42	13.1	14.4
Hugoton	51	15.0	50	14.7	57	17.9	49	15.3	55	17.2	16.0
Hutchinson	562	13.7	565	13.8	585	14.9	551	14.0	544	14.0	14.1
Independence	156	15.0	177	17.2	168	16.9	155	15.7	128	13.1	15.6
Iola	86	13.4	109	17.3	77	12.1	100	15.9	94	15.2	14.8
Junction City	696	34.3	698	34.6	738	35.8	623	31.5	725	34.4	34.1
Kansas City	2,834	17.7	2,930	18.2	2,919	19.5	2,751	18.6	2,702	18.0	18.4

TABLE 6
LIVE BIRTHS BY NUMBER AND RATE*
BY CITY OF RESIDENCE
KANSAS, 1988–1992

City of Residence	Year										5-Year Rate
	1988		1989		1990		1991		1992		
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	
Kingman	41	12.1	42	12.4	35	11.0	35	10.9	43	13.4	12.0
Lansing	63	7.6	68	8.0	63	8.8	68	9.2	55	7.4	8.2
Larned	61	13.9	52	12.1	46	10.2	48	10.7	62	14.1	12.2
Lawrence	826	13.9	904	14.9	847	12.9	897	13.4	850	12.4	13.5
Leavenworth	539	13.9	545	13.7	590	15.3	558	14.0	559	14.0	13.7
Leawood	199	10.6	223	11.5	230	11.7	228	11.3	238	11.3	11.3
Lenexa	572	16.5	582	16.3	576	16.9	574	16.4	541	14.8	16.2
Liberal	361	22.3	348	21.3	367	22.1	367	22.2	347	20.3	21.6
Lindsborg	33	10.0	24	7.3	24	7.8	22	7.1	29	9.4	8.3
Lyons	50	13.9	50	13.9	48	13.0	44	12.2	34	9.4	12.5
Manhattan	747	22.6	720	22.0	641	17.0	642	17.5	683	17.8	19.4
Marysville	44	12.2	54	15.0	34	10.1	38	11.5	23	7.0	11.2
McPherson	196	16.6	191	16.2	209	16.8	162	13.1	180	14.4	15.4
Medicine Lodge	39	16.3	37	15.4	27	11.0	22	9.2	38	15.8	13.5
Merriam	189	15.1	196	15.2	209	17.7	192	15.9	190	15.0	15.8
Mission	130	15.1	138	15.5	137	14.4	137	14.0	147	14.4	14.7
Mission Hills	17	4.1	21	4.9	18	5.2	14	4.0	29	7.8	5.2
Mulvane	82	17.5	75	16.0	62	13.3	81	16.9	69	14.4	15.6
Neodesha	41	13.2	39	12.6	41	14.5	35	12.5	37	13.2	13.2
Newton	236	14.4	264	16.1	267	16.0	225	13.5	264	15.7	15.1
Norton	38	12.7	43	14.3	37	12.3	28	9.7	34	11.7	12.1
Olathe	1,238	21.1	1,260	21.1	1,404	22.2	1,295	19.9	1,258	18.5	20.6
Osage City	33	12.2	42	15.6	28	10.4	35	13.0	36	13.3	12.9
Osawatomie	73	15.5	65	13.5	76	16.6	62	13.2	72	15.3	14.8
Ottawa	184	17.2	186	17.4	193	18.1	184	17.0	195	18.2	17.6
Overland Park	1,511	14.1	1,537	13.9	1,601	14.3	1,614	14.0	1,657	13.8	14.0
Paola	78	17.7	77	17.1	78	16.6	74	15.4	84	17.5	16.9
Parsons	204	16.2	202	16.0	202	16.9	181	15.2	167	14.0	15.7
Phillipsburg	41	14.1	38	13.1	33	11.7	35	12.5	30	10.7	12.4
Pittsburg	229	12.7	223	12.5	224	12.6	253	14.2	266	15.1	13.4
Plainville	26	12.4	30	14.3	28	12.9	22	10.0	25	11.9	12.3
Prairie Village	367	15.4	363	14.8	342	14.8	335	14.1	370	14.9	14.8
Pratt	83	12.0	76	11.2	86	12.9	92	13.9	83	12.6	12.5
Roeland Park	135	16.5	125	14.7	137	17.8	116	14.7	119	14.3	15.6
Russell	70	14.6	38	8.1	52	10.9	59	12.3	42	8.9	11.0
Salina	687	15.9	658	15.2	671	15.9	675	15.7	706	16.7	15.9
Scott City	54	14.6	65	18.1	60	15.9	48	12.6	57	15.4	15.3
Shawnee	574	17.8	584	17.5	592	15.6	562	14.4	613	15.1	16.1
Topeka	2,077	17.0	2,104	17.1	2,103	17.5	1,957	16.2	1,952	16.1	16.8
Ulysses	84	17.5	83	17.3	101	18.5	108	18.9	101	18.4	18.1
Valley Center	72	16.4	57	12.7	83	17.4	80	16.2	84	17.3	16.0
Wamego	58	15.3	52	13.7	71	19.2	57	15.0	52	13.7	15.4
Wellington	119	14.3	119	14.3	128	15.2	120	14.1	138	16.2	14.8
Wichita	6,408	21.7	6,356	21.3	6,432	21.2	6,353	20.5	6,463	20.8	21.1
Winfield	167	14.8	166	14.7	164	13.7	167	14.2	175	14.6	14.4

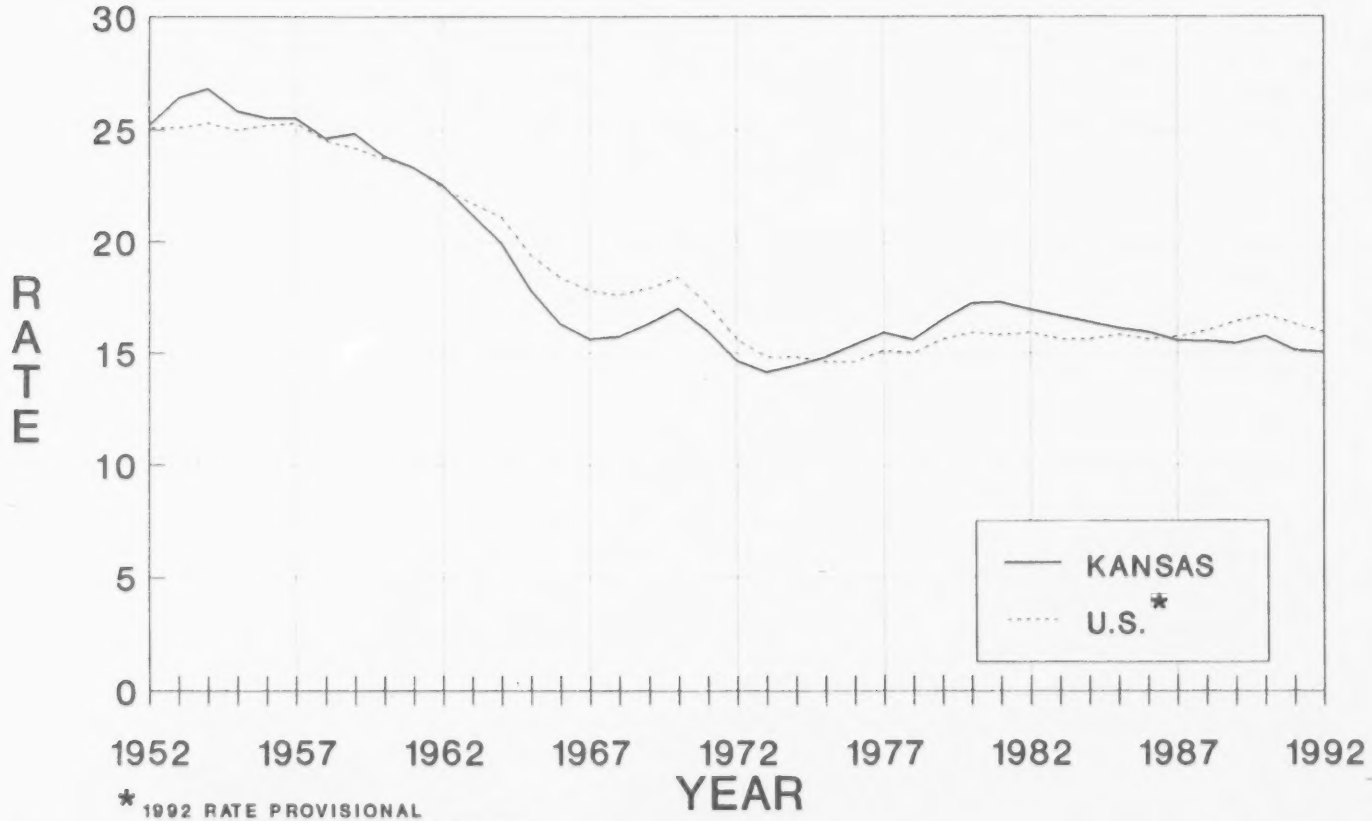
*Rate per 1,000 population

TABLE 7
BIRTH AND FERTILITY RATES
KANSAS AND THE UNITED STATES, 1952-1992

Year	Birth Rates*		Fertility Rates**	
	Kansas	U.S.	Kansas	U.S.
1952	25.2	25.1	122.0	113.8
1953	26.4	25.1	129.7	115.0
1954	26.8	25.3	133.8	117.9
1955	25.8	25.0	130.9	118.3
1956	25.5	25.2	131.5	121.0
1957	25.5	25.3	133.1	122.7
1958	24.6	24.5	126.1	120.0
1959	24.8	24.2	128.7	118.8
1960	23.8	23.7	124.8	118.0
1961	23.3	23.3	123.2	117.1
1962	22.5	22.4	118.5	112.0
1963	21.2	21.7	111.4	108.3
1964	19.9	21.1	104.0	104.7
1965	17.8	19.4	93.3	96.3
1966	16.3	18.4	84.9	90.8
1967	15.6	17.8	80.8	87.2
1968	15.7	17.6	80.8	85.2
1969	16.3	17.9	82.9	86.1
1970	17.0	18.4	84.5	87.9
1971	16.0	17.2	78.9	81.6
1972	14.6	15.6	70.7	73.1
1973	14.1	14.8	66.8	68.8
1974	14.4	14.8	67.4	67.8
1975	14.8	14.6	68.4	66.0
1976	15.3	14.6	69.8	65.0
1977	15.9	15.1	71.5	66.8
1978	15.6	15.0	69.8	65.5
1979	16.5	15.6	73.9	67.2
1980	17.2	15.9	76.8	68.4
1981	17.3	15.8	76.6	67.3
1982	16.9	15.9	74.9	67.3
1983	16.6	15.6	73.4	65.7
1984	16.4	15.6	72.0	65.5
1985	16.1	15.8	70.8	66.3
1986	15.9	15.6	69.7	65.4
1987	15.5	15.7	68.0	65.8
1988	15.5	16.0	68.2	67.3
1989	15.4	16.4	68.0	69.2
1990	15.7	16.7	70.1	70.9
1991	15.1	16.3	67.6	69.6
1992	15.0	15.9 ***	67.6	69.3***

*Rate per 1,000 population
**Rate per 1,000 female 15-44 population
***Provisional
Residence data

BIRTH RATES
KANSAS AND THE U.S., 1952-1992



* 1992 RATE PROVISIONAL
1950-1959 BIRTHS ADJUSTED FOR UNDERREGISTRATION
RESIDENCE DATA

Figure 10

LIVE BIRTH RATES BY COUNTY OF RESIDENCE

KANSAS, 1992

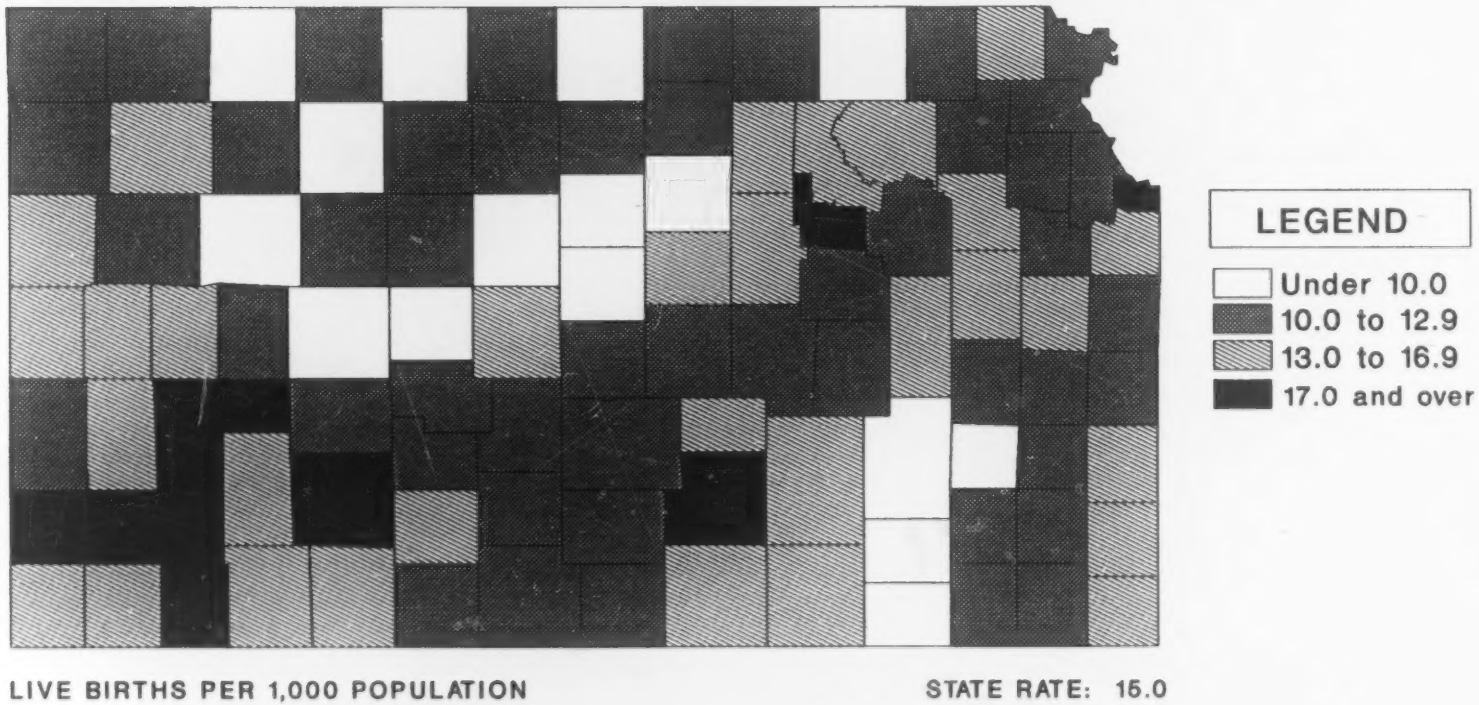
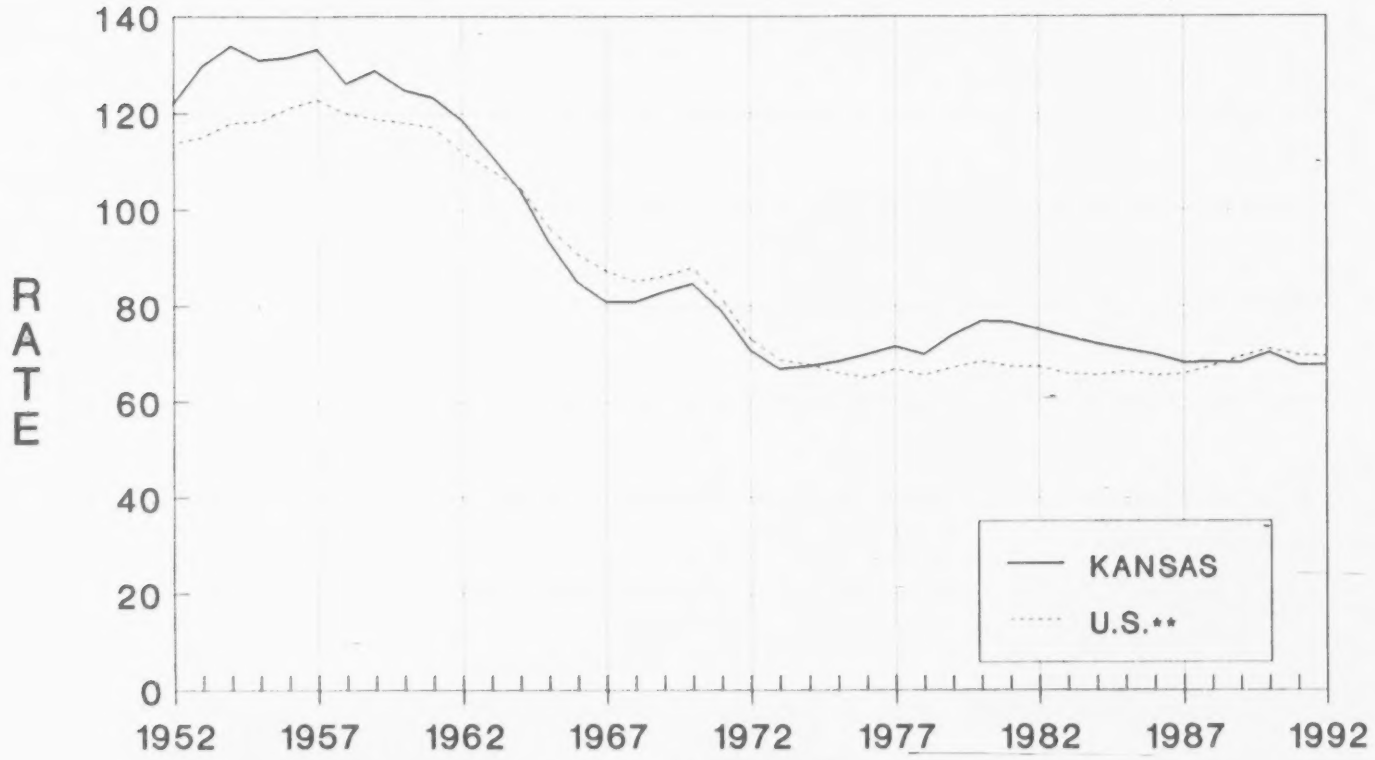


Figure 11

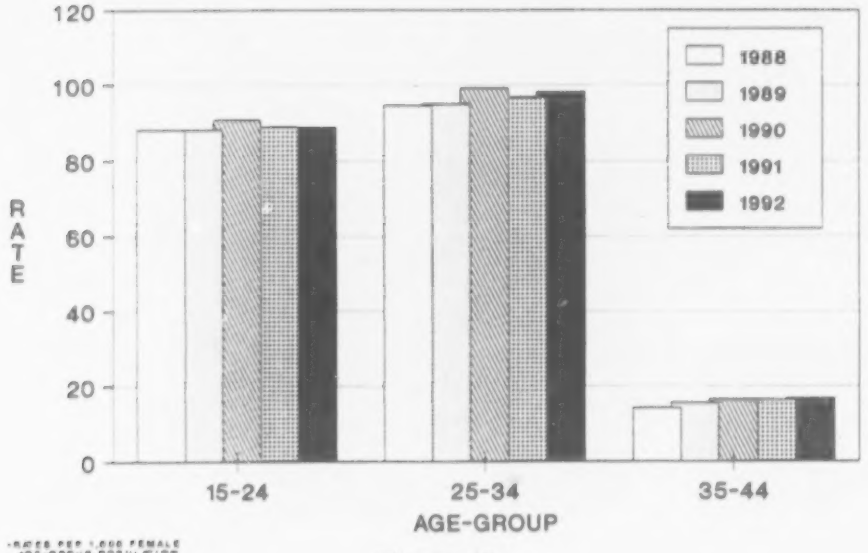
FERTILITY RATES*
KANSAS AND THE U.S., 1952-1992



*RATE PER 1,000 FEMALE 15-44 POPULATION
**1992 RATE PROVISIONAL RESIDENCE DATA

Figure 12

AGE-SPECIFIC FERTILITY RATES*
KANSAS, 1988-1992



*RATES PER 1,000 FEMALE AGE-GROUP POPULATION RESIDENCE DATA

Figure 13

TABLE 8
AGE-SPECIFIC FERTILITY RATES*
BY AGE-GROUP OF MOTHER
KANSAS, 1982-1992

Age-Group	Year											Percent Change
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1982-1992
15-24.....	96.3	95.4	93.7	91.7	91.8	88.1	88.2	88.2	90.9	89.0	88.9	-7.7
25-34.....	95.6	94.4	93.8	93.6	92.3	92.0	94.5	95.0	99.1	96.8	98.2	2.7
35-44.....	11.3	11.8	12.2	12.8	13.0	14.1	14.2	15.5	16.4	16.4	16.8	48.7

*Rate per 1,000 female age-group population

TABLE 9
LIVE BIRTHS BY AGE-GROUP OF MOTHER BY AGE-GROUP OF FATHER
KANSAS, 1992

Age-Group of Father	Total	Age-Group of Mother									
		Under 18	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45 & Over	N.S.
Total	37,848	1,596	68	4,621	10,666	11,254	7,996	2,816	413	14	-
10-14	3	3	1	2	-	-	-	-	-	-	-
15-19	1,344	492	19	1,025	276	20	1	3	-	-	-
20-24	6,908	405	9	1,697	4,362	711	103	22	4	-	-
25-29	10,172	60	-	320	3,358	5,359	977	145	13	-	-
30-34	9,023	3	-	63	868	3,467	4,042	546	36	1	-
35-39	4,386	3	-	22	173	781	2,000	1,315	93	2	-
40-44	1,346	-	-	7	35	191	423	509	178	3	-
45 & Over	432	-	-	3	27	57	123	156	61	5	-
N.S.	4,234	630	39	1,482	1,567	668	327	120	28	3	-

Residence data

TABLE 10
LIVE BIRTHS BY AGE–GROUP OF MOTHER
BY COUNTY OF RESIDENCE
KANSAS, 1992

County of Residence	Total	Age–Group of Mother								
		10–14	15–19	20–24	25–29	30–34	35–39	40–44	45 & Over	N.S.
Kansas	37,848	68	4,621	10,666	11,254	7,996	2,816	413	14	–
Allen	176	–	18	55	54	39	10	–	–	–
Anderson	96	–	10	38	21	19	7	1	–	–
Atchison	215	1	30	67	66	39	12	–	–	–
Barber	69	–	9	22	21	14	2	1	–	–
Barton	401	–	51	122	124	73	25	6	–	–
Bourbon	194	–	34	47	64	34	11	4	–	–
Brown	144	–	27	43	42	20	11	1	–	–
Butler	736	1	87	213	214	175	46	–	–	–
Chase	32	–	4	8	12	5	3	–	–	–
Chautauqua	36	–	5	13	8	9	1	–	–	–
Cherokee	276	1	84	95	63	22	9	2	–	–
Cheyenne	34	–	4	4	12	7	7	–	–	–
Clark	32	–	1	6	15	6	3	–	1	–
Clay	137	–	12	54	41	17	11	2	–	–
Cloud	112	–	8	40	33	20	11	–	–	–
Coffey	92	–	12	27	25	21	7	–	–	–
Comanche	29	–	2	11	7	7	2	–	–	–
Cowley	527	1	81	162	153	94	28	8	–	–
Crawford	467	1	68	162	127	85	23	1	–	–
Decatur	32	–	2	10	8	5	5	2	–	–
Dickinson	266	–	29	91	79	53	13	1	–	–
Doniphan	96	–	13	34	30	13	5	1	–	–
Douglas	1,050	1	97	255	317	272	91	16	1	–
Edwards	41	–	6	10	13	9	3	–	–	–
Elk	28	–	5	13	7	2	1	–	–	–
Ellis	298	–	20	80	105	70	20	2	1	–
Ellsworth	60	–	4	15	20	15	6	–	–	–
Finney	863	1	160	294	240	115	42	10	1	–
Ford	571	–	91	194	186	82	28	10	–	–
Franklin	344	1	46	123	90	60	21	2	1	–
Geary	1,246	2	169	556	338	141	37	3	–	–
Gove	27	–	3	6	12	3	3	–	–	–
Graham	31	–	1	7	16	5	2	–	–	–
Grant	123	–	19	35	41	26	2	–	–	–
Gray	80	–	7	22	32	16	3	–	–	–
Greeley	24	–	1	9	5	6	2	1	–	–
Greenwood	74	–	13	24	19	15	3	–	–	–
Hamilton	29	–	2	9	8	6	3	1	–	–
Harper	90	–	15	27	22	21	3	2	–	–
Harvey	413	–	43	127	121	85	31	6	–	–
Haskell	76	–	8	28	15	15	10	–	–	–
Hodgeman	27	–	4	6	12	3	2	–	–	–
Jackson	148	–	17	49	39	31	9	2	1	–
Jefferson	186	1	17	53	61	39	13	2	–	–
Jewell	35	–	2	4	13	10	6	–	–	–
Johnson	5,623	2	266	812	1932	1830	683	96	2	–
Kearny	66	–	11	18	14	15	8	–	–	–
Kingman	98	–	15	27	24	21	9	2	–	–
Kiowa	47	–	6	11	14	9	7	–	–	–
Labette	304	–	51	124	84	32	11	2	–	–
Lane	29	–	2	12	8	3	3	1	–	–
Leavenworth	826	–	99	220	245	188	66	8	–	–
Lincoln	33	–	2	7	8	14	2	–	–	–
Linn	87	–	12	23	27	16	6	3	–	–
Logan	36	–	5	6	12	12	–	1	–	–

TABLE 10
LIVE BIRTHS BY AGE-GROUP OF MOTHER
BY COUNTY OF RESIDENCE
KANSAS, 1992

County of Residence	Total	Age-Group of Mother								
		10–14	15–19	20–24	25–29	30–34	35–39	40–44	45 & Over	N.S.
Lyon	500	–	60	175	140	88	33	4	–	–
Marion	159	–	6	33	61	43	13	3	–	–
Marshall	112	1	10	32	36	23	9	1	–	–
McPherson	350	–	32	88	97	90	40	3	–	–
Meade	63	–	7	12	21	20	2	1	–	–
Miami	302	1	26	93	96	61	24	2	–	–
Mitchell	78	–	7	12	25	25	8	1	–	–
Montgomery	411	2	92	149	103	48	16	1	–	–
Morris	80	–	12	20	24	21	3	–	–	–
Morton	45	–	8	14	14	4	5	–	–	–
Nemaha	121	–	1	30	43	33	13	1	–	–
Neosho	197	–	31	61	56	32	15	2	–	–
Ness	38	–	3	6	9	16	2	2	–	–
Norton	85	–	9	21	17	11	5	2	–	–
Osage	206	–	19	59	82	40	5	1	–	–
Osborne	48	–	3	15	13	10	7	–	–	–
Ottawa	54	–	7	11	18	17	1	–	–	–
Pawnee	81	–	7	25	24	18	7	–	–	–
Phillips	61	–	7	22	21	10	1	–	–	–
Pottawatomie	237	–	9	74	80	49	24	1	–	–
Pratt	121	–	10	34	40	30	6	1	–	–
Rawlins	34	–	5	11	7	9	2	–	–	–
Reno	769	1	104	261	211	138	53	1	–	–
Republic	68	–	8	14	23	18	4	1	–	–
Rice	124	–	14	48	30	26	8	–	–	–
Riley	890	1	75	276	265	193	72	8	–	–
Rooks	71	–	6	15	28	15	7	–	–	–
Rush	36	–	1	8	12	9	6	–	–	–
Russell	67	–	5	14	25	19	3	1	–	–
Saline	775	1	90	241	215	161	55	12	–	–
Scott	72	–	7	25	15	24	1	–	–	–
Sedgwick	7,580	23	1007	2136	2260	1522	547	82	3	–
Seward	377	–	71	158	91	43	12	2	–	–
Shawnee	2,327	11	288	612	707	495	186	28	–	–
Sheridan	32	–	1	8	11	9	2	1	–	–
Sherman	85	–	18	27	24	14	1	1	–	–
Smith	51	–	1	14	13	16	5	2	–	–
Stafford	53	–	4	18	18	8	3	2	–	–
Stanton	41	1	3	15	16	5	1	–	–	–
Stevens	83	–	11	26	26	17	3	–	–	–
Sumner	364	–	58	104	100	73	27	2	–	–
Thomas	112	–	11	27	45	20	8	1	–	–
Trego	36	–	2	7	13	10	4	–	–	–
Wabaunsee	84	–	9	20	22	21	11	1	–	–
Wallace	24	–	3	7	9	3	2	–	–	–
Washington	76	–	5	21	23	21	6	–	–	–
Wichita	45	–	7	15	10	10	2	1	–	–
Wilson	121	–	28	51	24	14	4	–	–	–
Woodson	32	–	6	10	9	5	1	1	–	–
Wyandotte	2,878	13	597	963	684	425	153	40	3	–

TABLE 11
LIVE BIRTHS BY WEEKS GESTATION
BY COUNTY OF RESIDENCE
KANSAS, 1992

County of Residence	Total	Weeks Gestation								
		19 & Under	20–22	23–27	28–31	32–35	36	37–41	42 & Over	N.S.
Kansas	37,848	20	54	155	256	1,127	1,056	33,601	1,437	142
Allen	176	–	–	1	3	5	5	149	13	–
Anderson	96	–	–	2	–	2	6	79	7	–
Atchison	215	–	–	1	4	5	6	185	13	1
Barber	69	–	–	1	2	2	2	58	4	–
Barton	401	1	–	4	1	7	10	356	21	1
Bourbon	194	–	–	1	1	8	3	178	2	1
Brown	144	–	–	1	1	4	3	127	8	–
Butler	736	1	2	3	6	14	12	673	25	–
Chase	32	–	–	–	1	2	–	26	3	–
Chautauqua	36	–	–	–	–	1	1	29	2	3
Cherokee	276	–	1	1	4	10	11	236	6	7
Cheyenne	34	–	–	–	–	–	–	28	5	1
Clark	32	–	–	–	–	3	–	27	–	2
Clay	137	–	–	1	1	5	3	122	5	–
Cloud	112	–	–	–	1	2	4	97	1	7
Coffey	92	–	–	–	–	2	1	81	8	–
Comanche	29	–	–	–	–	3	–	22	3	1
Cowley	527	–	1	7	2	16	14	462	23	2
Crawford	467	–	–	2	2	19	21	409	12	2
Decatur	32	–	–	–	–	–	–	29	2	1
Dickinson	266	–	–	2	2	10	6	231	9	6
Doniphan	96	–	–	1	–	3	–	86	5	1
Douglas	1,050	1	–	7	9	31	27	909	64	2
Edwards	41	–	–	–	1	1	2	36	1	–
Elk	28	–	–	1	–	–	1	26	–	–
Ellis	298	–	1	1	2	7	11	269	7	–
Ellsworth	60	–	–	–	2	2	2	53	1	–
Finney	863	2	–	1	8	24	33	747	44	4
Ford	571	–	–	4	2	9	11	541	4	–
Franklin	344	–	1	–	4	8	10	306	15	–
Geary	1,246	1	3	6	7	72	58	1066	32	1
Gove	27	–	–	1	–	1	2	23	–	–
Graham	31	–	–	–	1	3	1	26	–	–
Grant	123	–	–	1	–	3	2	110	7	–
Gray	80	–	–	–	–	1	1	75	3	–
Greeley	24	–	–	–	–	–	–	21	3	–
Greenwood	74	–	–	–	1	5	2	64	2	–
Hamilton	29	–	–	–	–	–	2	26	1	–
Harper	90	–	–	–	–	–	1	80	7	2
Harvey	413	–	3	1	2	12	10	372	13	–
Haskell	76	–	–	1	–	2	5	67	–	1
Hodgeman	27	–	–	–	–	1	–	26	–	–
Jackson	148	–	1	–	1	4	4	131	7	–
Jefferson	186	–	1	1	2	12	5	154	11	–
Jewell	35	–	–	–	–	2	–	30	3	–
Johnson	5,623	1	5	21	29	134	159	5072	199	3
Kearny	66	–	1	–	–	4	1	56	3	1
Kingman	98	–	–	–	–	4	4	88	2	–
Kiowa	47	–	–	–	–	–	–	46	1	–
Labette	304	–	–	1	4	9	11	266	12	1
Lane	29	–	–	–	–	–	1	24	–	4
Leavenworth	826	1	2	3	3	18	18	766	14	1
Lincoln	33	–	–	–	–	1	1	30	1	–
Linn	87	–	–	–	–	–	2	82	2	1
Logan	36	–	–	–	1	1	1	32	1	–

TABLE 11
LIVE BIRTHS BY WEEKS GESTATION
BY COUNTY OF RESIDENCE
KANSAS, 1992

County of Residence	Total	Weeks Gestation								
		19 & Under	20–22	23–27	28–31	32–35	36	37–41	42 & Over	N.S.
Lyon	500	–	–	2	4	11	13	441	29	–
Marion	159	–	–	–	1	2	1	149	6	–
Marshall	112	–	–	3	1	4	2	94	7	1
McPherson	350	–	–	2	1	10	7	312	18	–
Meade	63	–	–	1	–	2	–	56	3	1
Miami	302	–	1	1	5	7	8	269	10	1
Mitchell	78	–	–	–	–	–	3	72	3	–
Montgomery	411	–	1	1	2	14	6	376	7	4
Morris	80	–	–	1	–	4	–	74	1	–
Morton	45	–	–	–	–	–	–	43	1	1
Nemaha	121	–	–	–	–	1	7	108	5	–
Neosho	197	–	–	1	–	3	5	182	6	–
Ness	38	–	–	–	1	1	1	34	1	–
Norton	65	–	–	–	1	3	2	57	1	1
Osage	206	–	–	–	–	11	6	184	5	–
Osborne	48	–	–	–	–	2	2	43	1	–
Ottawa	54	–	–	–	–	2	1	51	–	–
Pawnee	81	–	–	–	–	2	1	72	6	–
Phillips	61	–	–	–	–	1	1	57	2	–
Pottawatomie	237	–	–	–	2	12	2	213	8	–
Pratt	121	–	–	2	1	2	5	97	13	1
Rawlins	34	–	–	–	–	–	–	33	1	–
Reno	769	–	–	2	2	22	25	683	35	–
Republic	68	–	–	–	–	–	1	54	4	9
Rice	124	–	4	–	–	3	5	109	3	–
Riley	890	–	2	1	12	24	32	801	18	–
Rooks	71	–	–	–	–	1	2	65	3	–
Rush	36	–	–	–	–	1	2	32	1	–
Russell	67	–	–	–	–	–	1	65	1	–
Saline	775	–	1	5	8	25	21	700	15	–
Scott	72	–	–	–	4	5	1	27	1	34
Sedgwick	7,580	7	13	19	53	225	167	6709	376	11
Seward	377	1	–	1	–	6	6	334	25	4
Shawnee	2,327	2	3	9	13	92	86	2065	57	–
Sheridan	32	–	–	–	–	–	1	29	2	–
Sherman	85	–	–	–	3	7	2	64	7	2
Smith	51	–	–	–	–	3	3	44	1	–
Stafford	53	–	–	–	1	4	1	44	3	–
Stanton	41	–	–	–	–	1	1	38	1	–
Stevens	83	–	–	–	–	3	3	73	4	–
Sumner	364	–	1	3	3	13	6	322	13	3
Thomas	112	–	–	1	1	–	2	105	2	1
Trego	36	–	–	–	–	–	3	33	–	–
Wabaunsee	84	–	–	1	–	2	1	79	1	–
Wallace	24	–	–	–	1	–	–	21	2	–
Washington	76	–	–	1	–	4	–	64	6	1
Wichita	45	–	–	–	1	1	3	31	1	8
Wilson	121	–	–	–	1	4	3	103	10	–
Woodson	32	–	–	–	–	1	–	29	2	–
Wyandotte	2,878	2	6	20	24	92	109	2551	72	2

TABLE 12
LIVE BIRTHS BY BIRTH WEIGHT IN GRAMS
BY COUNTY OF RESIDENCE
KANSAS, 1992

County of Residence	Total	Birth Weight in Grams										
		Under 500	500 – 999	1000 – 1499	1500 – 1999	2000 – 2499	2500 – 2999	3000 – 3499	3500 – 3999	4000 – 4499	4500 – 4999	5000 & Over	N.S.
Kansas	37,848	66	177	233	421	1,554	5,768	13,710	11,629	3,643	574	71	2
Allen	176	–	1	1	4	5	32	59	53	19	1	1	–
Anderson	96	–	2	–	1	3	12	41	29	6	1	1	–
Atchison	215	–	2	1	2	9	34	84	55	21	7	–	–
Barber	69	–	–	4	–	3	12	21	22	5	2	–	–
Barton	401	1	4	–	2	20	58	156	117	39	3	1	–
Bourbon	194	–	1	1	1	9	34	62	65	18	3	–	–
Brown	144	–	1	1	1	4	15	59	43	17	3	–	–
Butler	736	3	5	4	5	27	101	278	229	69	13	2	–
Chase	32	–	–	1	2	–	7	10	7	2	3	–	–
Chautauqua	36	–	–	–	–	3	5	15	7	5	1	–	–
Cherokee	276	1	1	5	8	19	39	102	75	22	4	–	–
Cheyenne	34	–	–	–	–	2	2	9	18	2	1	–	–
Clark	32	–	–	–	1	–	5	4	15	5	2	–	–
Clay	137	–	–	1	2	7	17	45	47	15	3	–	–
Cloud	112	–	–	–	2	3	21	43	30	11	2	–	–
Coffey	92	–	–	–	–	5	16	29	29	12	1	–	–
Comanche	29	–	–	–	2	2	2	9	12	2	–	–	–
Cowley	527	1	5	2	5	20	89	183	159	55	6	2	–
Crawford	467	1	3	2	5	15	80	161	142	52	6	–	–
Decatur	32	–	–	–	–	–	1	13	11	5	1	–	1
Dickinson	266	–	–	4	1	8	41	99	71	39	3	–	–
Doniphan	96	–	1	–	–	2	17	29	36	10	1	–	–
Douglas	1,050	2	7	6	13	35	144	365	351	113	11	2	1
Edwards	41	–	–	1	–	2	10	12	15	1	–	–	–
Elk	28	–	–	1	–	1	6	10	6	4	–	–	–
Ellis	298	1	1	1	1	13	45	116	92	23	3	2	–
Ellsworth	60	–	1	1	–	2	11	17	22	6	–	–	–
Finney	863	1	1	7	12	41	172	344	220	59	6	–	–
Ford	571	1	4	–	4	22	97	215	179	41	7	1	–
Franklin	344	–	2	2	1	8	59	110	118	34	7	3	–
Geary	1,246	2	8	7	18	62	207	477	357	92	15	1	–
Gove	27	–	1	1	–	–	4	12	4	4	1	–	–
Graham	31	–	1	1	1	–	9	11	6	2	–	–	–
Grant	123	–	1	–	–	4	23	48	42	4	1	–	–
Gray	80	–	–	1	1	1	8	34	22	13	–	–	–
Greeley	24	–	–	–	–	3	5	7	7	1	1	–	–
Greenwood	74	–	1	2	3	2	13	24	20	6	3	–	–
Hamilton	29	–	–	–	–	2	7	11	5	4	–	–	–
Harper	90	–	–	–	1	3	11	36	27	9	3	–	–
Harvey	413	2	1	3	2	14	68	125	137	49	12	–	–
Haskell	76	–	–	1	1	7	7	34	21	4	1	–	–
Hodgeman	27	–	–	–	–	2	3	7	11	3	1	–	–
Jackson	148	1	–	1	1	7	21	48	44	21	2	2	–
Jefferson	186	1	2	3	2	8	23	63	65	19	–	–	–
Jewell	35	–	–	–	–	1	4	9	14	5	2	–	–
Johnson	5,623	5	25	26	53	173	600	1949	1935	645	113	9	–
Kearny	66	1	–	–	–	1	11	31	19	3	–	–	–
Kingman	98	–	–	1	2	3	13	36	28	14	1	–	–
Kiowa	47	–	–	–	–	2	4	16	18	5	2	–	–
Labette	304	–	1	4	4	10	50	114	81	36	4	–	–
Lane	29	–	–	–	–	2	6	15	5	1	–	–	–
Leavenworth	826	1	4	2	7	41	130	301	244	75	20	1	–
Lincoln	33	–	–	–	–	2	3	12	11	4	–	1	–
Linn	87	–	–	–	1	1	13	39	26	5	1	1	–
Logan	36	–	–	1	1	1	5	9	16	2	1	–	–

TABLE 12
LIVE BIRTHS BY BIRTH WEIGHT IN GRAMS
BY COUNTY OF RESIDENCE
KANSAS, 1992

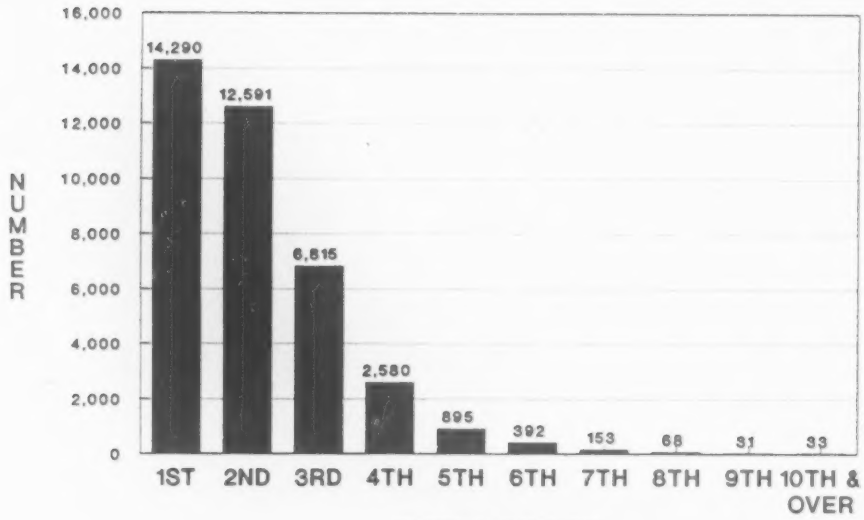
County of Residence	Total	Birth Weight in Grams										
		Under 500	500 – 999	1000 – 1499	1500 – 1999	2000 – 2499	2500 – 2999	3000 – 3499	3500 – 3999	4000 – 4499	4500 – 4999	5000 & Over	N.S.
Lyon	500	1	1	2	7	11	60	201	150	55	9	3	–
Marion	159	–	–	1	–	2	23	44	66	20	3	–	–
Marshall	112	1	1	2	1	6	11	42	29	13	5	1	–
McPherson	350	1	–	3	3	15	44	123	108	51	2	–	–
Meade	63	–	1	–	–	2	6	23	24	5	2	–	–
Miami	302	1	2	3	3	11	43	98	98	34	9	–	–
Mitchell	78	–	–	–	–	–	8	24	30	13	3	–	–
Montgomery	411	1	1	2	5	18	73	143	119	40	9	–	–
Morris	80	–	–	1	1	1	9	39	22	5	2	–	–
Morton	45	–	–	–	–	1	5	19	17	3	–	–	–
Nemaha	121	–	–	2	2	2	10	46	41	16	1	1	–
Neosho	197	–	1	–	1	7	26	83	55	21	2	1	–
Ness	38	–	–	1	–	2	2	15	13	4	1	–	–
Norton	65	–	–	2	–	–	9	28	20	6	–	–	–
Osage	206	–	–	–	5	11	22	79	64	21	3	1	–
Osborne	48	–	–	–	–	3	9	19	13	4	–	–	–
Ottawa	54	–	–	–	1	3	6	17	17	9	1	–	–
Pawnee	81	–	–	–	–	4	15	26	29	6	1	–	–
Phillips	61	–	–	–	–	1	2	23	20	11	4	–	–
Pottawatomie	237	–	–	2	2	11	31	82	86	20	1	2	–
Pratt	121	–	1	3	–	3	17	42	37	15	3	–	–
Rawlins	34	–	–	–	–	1	–	13	12	6	1	1	–
Reno	769	–	2	2	8	39	123	259	252	63	20	1	–
Republic	68	–	–	–	–	1	5	24	28	9	1	–	–
Rice	124	1	3	1	–	4	20	53	37	5	–	–	–
Riley	890	1	3	7	6	27	133	326	273	94	17	3	–
Rooks	71	–	–	–	2	1	8	24	24	9	2	1	–
Rush	36	–	–	–	–	2	7	13	10	4	–	–	–
Russell	67	–	–	–	–	3	10	31	16	7	–	–	–
Saline	775	2	3	7	7	35	122	285	218	85	10	1	–
Scott	72	–	2	3	1	4	15	19	21	6	1	–	–
Sedgwick	7,580	21	26	47	93	351	1240	2814	2237	655	82	14	–
Seward	377	1	1	–	4	12	66	145	118	25	3	2	–
Shawnee	2,327	3	14	14	35	116	349	850	694	212	35	5	–
Sheridan	32	–	–	–	–	–	3	10	13	5	1	–	–
Sherman	85	–	1	2	1	2	8	33	26	9	2	1	–
Smith	51	–	–	–	1	4	8	20	14	4	–	–	–
Stafford	53	–	–	–	2	3	4	15	23	4	2	–	–
Stanton	41	–	–	–	–	–	5	22	12	2	–	–	–
Stevens	83	–	–	–	2	1	19	30	22	8	1	–	–
Sumner	364	–	4	2	8	14	58	114	121	37	5	1	–
Thomas	112	–	1	1	–	5	10	44	35	13	2	1	–
Trego	36	–	–	–	–	3	3	21	8	–	1	–	–
Wabaunsee	84	–	–	–	1	2	14	31	26	9	1	–	–
Wallace	24	–	–	–	1	–	6	10	6	1	–	–	–
Washington	76	–	1	2	1	2	7	22	25	12	4	–	–
Wichita	45	–	–	1	–	2	9	11	18	4	–	–	–
Wilson	121	–	–	–	5	6	15	42	38	14	1	–	–
Woodson	32	–	–	–	–	1	7	10	10	4	–	–	–
Wyandotte	2,878	7	21	20	39	157	541	1035	794	227	36	1	–

TABLE 13
LIVE BIRTHS BY AGE-GROUP OF MOTHER BY BIRTH WEIGHT IN GRAMS
KANSAS, 1992

Age-Group of Mother	Total	Birth Weight in Grams											
		Under 500	500 - 999	1,000 - 1,499	1,500 - 1,999	2,000 - 2,499	2,500 - 2,999	3,000 - 3,499	3,500 - 3,999	4,000 - 4,499	4,500 - 4,999	5,000 & Over	N.S.
Total	37,848	66	177	233	421	1,554	5,768	13,710	11,629	3,643	574	71	2
10-14	68	-	-	1	2	5	15	27	15	3	-	-	-
15-19	4,621	15	33	58	77	270	938	1,784	1,111	299	32	4	-
20-24	10,666	14	46	69	100	437	1,800	3,998	3,172	872	143	15	-
25-29	11,254	15	37	45	98	392	1,523	4,059	3,675	1,206	183	19	2
30-34	7,996	15	35	42	101	302	1,042	2,740	2,677	870	150	22	-
35-39	2,816	7	24	14	34	127	394	946	857	344	58	11	-
40-44	413	-	1	4	8	20	53	150	120	49	8	-	-
45 & Over	14	-	1	-	1	1	3	6	2	-	-	-	-
N.S.	-	-	-	-	-	-	-	-	-	-	-	-	-

Residence data

LIVE BIRTHS BY BIRTH ORDER
KANSAS, 1992



RESIDENCE DATA

Figure 14

TABLE 14
LIVE BIRTHS BY AGE-GROUP OF MOTHER BY BIRTH ORDER
KANSAS, 1992

Birth Order	Total	Age-Group of Mother								
		Under 18	10–14	15–19	20–24	25–29	30–34	35–39	40–44	45 & Over
Total	37,848	1,596	68	4,621	10,666	11,254	7,996	2,816	413	14
First	14,290	1,396	66	3,487	4,768	3,683	1,747	477	58	4
Second	12,591	185	1	918	3,770	4,154	2,845	812	90	1
Third	6,815	15	1	176	1,511	2,208	2,083	746	87	3
Fourth	2,580	–	–	32	470	804	816	394	61	3
Fifth	895	–	–	7	101	269	286	190	42	–
Sixth	392	–	–	1	35	93	131	98	32	2
Seventh	153	–	–	–	9	24	52	48	19	1
Eighth	68	–	–	–	–	12	24	23	9	–
Ninth	31	–	–	–	2	4	6	14	5	–
Tenth & Over	33	–	–	–	–	3	6	14	10	–

Residence data

TABLE 15
LIVE BIRTHS BY SEX OF INFANT AND RACE OF MOTHER
BY COUNTY OF RESIDENCE
KANSAS, 1992

County of Residence	Total	Males					Females				
		White	Black	Other	N.S.	Total	White	Black	Other	N.S.	Total
Kansas	37,848	17,191	1,671	526	19	19,407	16,281	1,639	504	17	18,441
Allen	176	97	3	1	-	101	72	3	-	-	75
Anderson	96	42	1	1	-	44	52	-	-	-	52
Atchison	215	102	8	-	-	110	102	3	-	-	105
Barber	89	40	-	-	-	40	29	-	-	-	29
Barton	401	196	1	-	-	197	201	2	1	-	204
Bourbon	194	99	4	1	-	104	87	3	-	-	90
Brown	144	70	2	10	-	82	57	2	3	-	62
Butler	736	362	4	5	-	371	360	2	3	-	365
Chase	32	17	-	-	-	17	15	-	-	-	15
Chautauqua	36	21	-	1	-	22	13	-	1	-	14
Cherokee	276	131	-	3	-	134	135	1	6	-	142
Cheyenne	34	19	-	-	1	20	14	-	-	-	14
Clark	32	14	-	-	-	14	18	-	-	-	18
Clay	137	72	-	1	-	73	63	-	1	-	64
Cloud	112	50	-	-	-	50	62	-	-	-	62
Coffey	92	44	-	-	-	44	47	-	1	-	48
Comanche	29	14	-	-	-	14	15	-	-	-	15
Cowley	527	250	7	8	1	266	242	10	9	-	261
Crawford	467	234	5	4	-	243	214	4	6	-	224
Decatur	32	12	-	-	-	12	20	-	-	-	20
Dickinson	266	127	2	3	-	132	133	-	1	-	134
Doniphan	96	52	1	3	-	56	40	-	-	-	40
Douglas	1,050	484	24	37	1	546	437	26	41	-	504
Edwards	41	22	-	-	-	22	19	-	-	-	19
Elk	28	17	-	-	-	17	11	-	-	-	11
Ellis	298	154	1	1	-	156	138	2	2	-	142
Ellsworth	60	30	-	1	-	31	29	-	-	-	29
Finney	863	387	5	20	-	412	419	5	27	-	451
Ford	571	283	3	6	-	292	265	5	9	-	279
Franklin	344	153	-	4	-	157	184	2	1	-	187
Geary	1,246	411	186	42	1	640	382	190	34	-	606
Gove	27	19	-	-	-	19	8	-	-	-	8
Graham	31	15	-	-	1	16	14	-	-	1	15
Grant	123	59	-	4	-	63	59	-	1	-	60
Gray	80	46	-	-	-	46	34	-	-	-	34
Greeley	24	8	-	-	-	8	16	-	-	-	16
Greenwood	74	33	-	-	-	33	40	-	1	-	41
Hamilton	29	19	-	-	-	19	10	-	-	-	10
Harper	90	53	-	-	-	53	37	-	-	-	37
Harvey	413	207	2	-	-	209	197	5	2	-	204
Haskell	76	41	-	-	-	41	35	-	-	-	35
Hodgeman	27	15	-	-	-	15	12	-	-	-	12
Jackson	148	75	1	9	-	85	56	-	7	-	63
Jefferson	186	100	-	-	-	100	85	1	-	-	86
Jewell	35	20	-	-	-	20	13	-	-	2	15
Johnson	5,623	2709	75	57	2	2,843	2636	78	65	1	2,780
Kearny	66	35	1	-	-	36	30	-	-	-	30
Kingman	98	48	-	-	-	48	50	-	-	-	50
Kiowa	47	25	-	1	-	26	21	-	-	-	21
Labette	304	141	10	4	-	155	142	6	1	-	149
Lane	29	15	-	-	-	15	13	-	1	-	14
Leavenworth	826	366	51	7	-	424	337	59	6	-	402
Lincoln	33	16	-	-	-	16	17	-	-	-	17
Linn	87	45	-	-	-	45	42	-	-	-	42
Logan	36	14	-	1	-	15	21	-	-	-	21

TABLE 15
LIVE BIRTHS BY SEX OF INFANT AND RACE OF MOTHER
BY COUNTY OF RESIDENCE
KANSAS, 1992

County of Residence	Total	Males					Females				
		White	Black	Other	N.S.	Total	White	Black	Other	N.S.	Total
Lyon	500	250	12	13	1	276	204	8	12	-	224
Marion	159	85	1	-	-	86	73	-	-	-	73
Marshall	112	56	-	-	1	57	53	-	-	2	55
McPherson	350	172	2	3	1	178	170	1	1	-	172
Meade	63	33	-	-	-	33	30	-	-	-	30
Miami	302	153	1	-	-	154	140	7	1	-	148
Mitchell	78	41	-	-	-	41	36	-	-	1	37
Montgomery	411	194	15	9	-	218	180	18	6	-	193
Morris	80	45	-	-	-	45	34	-	1	-	35
Morton	45	20	-	1	-	21	24	-	-	-	24
Nemaha	121	62	-	-	1	63	57	-	-	1	58
Neosho	197	94	-	-	-	94	101	-	2	-	103
Ness	38	17	-	-	-	17	21	-	-	-	21
Norton	65	34	-	-	-	34	31	-	-	-	31
Osage	206	110	-	2	-	112	94	-	-	-	94
Osborne	48	22	-	-	-	22	26	-	-	-	26
Ottawa	54	28	-	-	-	28	26	-	-	-	26
Pawnee	81	38	1	1	-	40	41	-	-	-	41
Phillips	61	35	-	-	1	36	24	-	-	1	25
Pottawatomie	237	111	2	-	-	113	120	1	1	2	124
Pratt	121	53	2	1	-	56	64	-	1	-	65
Rawlins	34	20	-	1	-	21	13	-	-	-	13
Reno	769	377	12	4	-	393	366	9	1	-	376
Republic	68	30	-	-	2	32	35	-	1	-	36
Rice	124	52	2	-	-	54	69	1	-	-	70
Riley	890	385	34	33	-	452	372	36	30	-	438
Rooks	71	35	-	-	-	35	36	-	-	-	36
Rush	36	15	-	2	-	17	19	-	-	-	19
Russell	67	36	-	-	-	36	31	-	-	-	31
Saline	775	390	18	8	-	425	336	10	4	-	350
Scott	72	31	-	-	-	31	41	-	-	-	41
Sedgwick	7,580	3264	470	151	2	3,887	3084	463	143	3	3,693
Seward	377	174	17	9	-	200	159	10	8	-	177
Shawnee	2,327	1056	157	24	-	1,237	913	152	25	-	1,090
Sheridan	32	20	-	-	-	20	12	-	-	-	12
Sherman	85	44	-	-	1	45	40	-	-	-	40
Smith	51	27	-	-	2	29	22	-	-	-	22
Stafford	53	29	-	-	-	29	24	-	-	-	24
Stanton	41	18	-	-	-	18	23	-	-	-	23
Stevens	83	50	-	-	-	50	31	1	1	-	33
Sumner	364	172	4	-	-	176	185	1	2	-	188
Thomas	112	49	-	-	-	49	63	-	-	-	63
Trego	36	16	-	-	-	16	20	-	-	-	20
Wabaunsee	84	45	-	-	-	45	39	-	-	-	39
Wallace	24	12	-	1	-	13	10	1	-	-	11
Washington	76	38	-	-	-	38	36	-	-	2	38
Wichita	45	23	-	-	-	23	21	-	1	-	22
Wilson	121	58	-	-	-	58	63	-	-	-	63
Woodson	32	13	-	1	-	14	17	-	1	-	18
Wyandotte	2,878	920	524	27	-	1,471	863	511	32	1	1,407

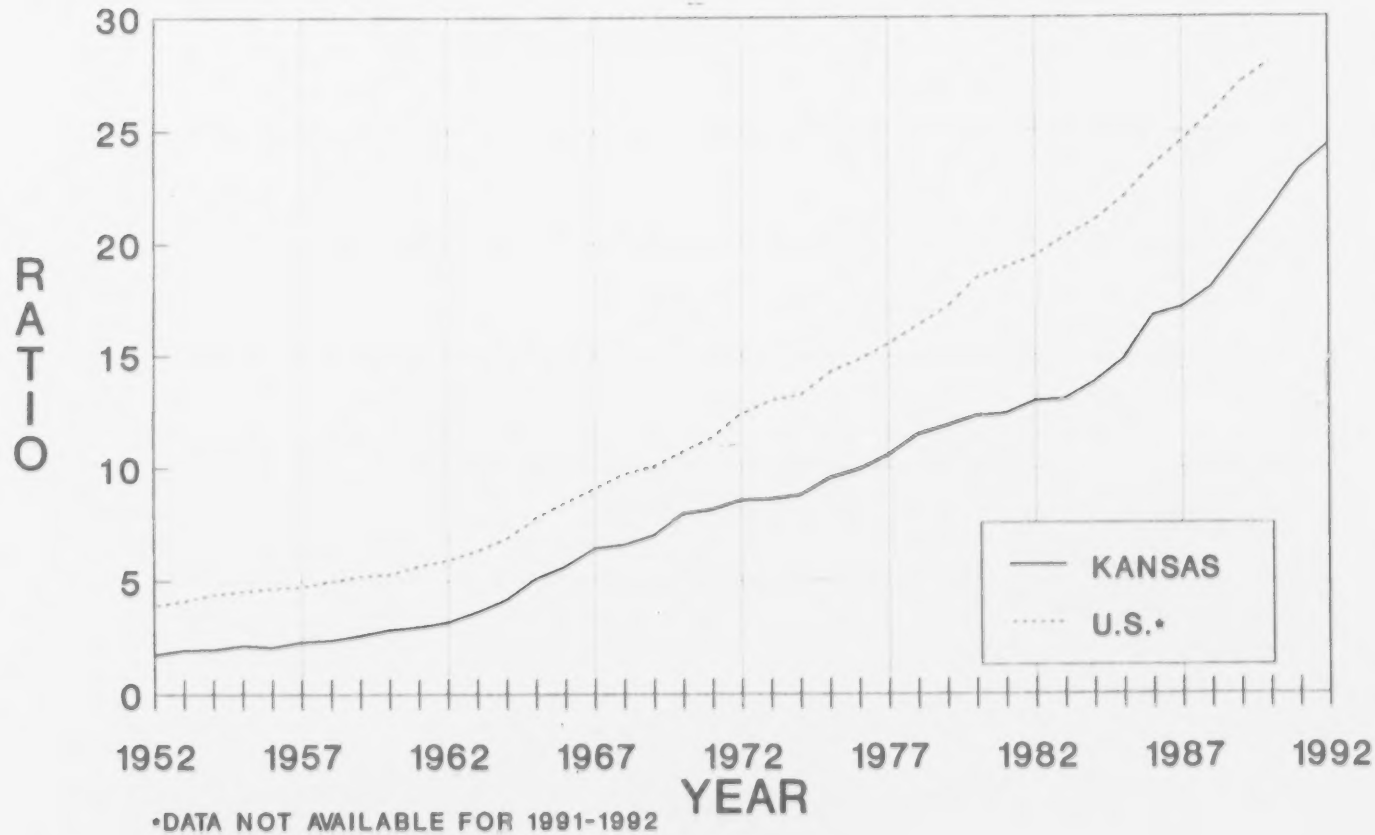
TABLE 16
OUT-OF-WEDLOCK BIRTHS BY AGE-GROUP AND RACE OF MOTHER
BY COUNTY OF RESIDENCE
KANSAS, 1992

County of Residence	Total	Age-Group of Mother								Race of Mother			
		10-14	15-19	20-24	25-29	30-34	35-39	40-44	45 & Over	White	Black	Other Non-White	Not Stated
Kansas	9,183	66	3,202	3,463	1,449	708	249	42	4	6,743	2,178	253	9
Allen	41	-	13	20	3	5	-	-	-	37	4	-	-
Anderson	22	-	7	8	5	2	-	-	-	22	-	-	-
Atchison	63	1	21	21	14	3	3	-	-	58	5	-	-
Barber	10	-	3	5	1	1	-	-	-	10	-	-	-
Barton	99	-	33	44	13	7	2	-	-	97	2	-	-
Bourbon	42	-	17	12	10	3	-	-	-	36	6	-	-
Brown	41	-	18	14	7	1	1	-	-	29	1	11	-
Butler	137	1	50	52	21	13	-	-	-	129	5	3	-
Chase	6	-	3	1	1	1	-	-	-	6	-	-	-
Chautauqua	7	-	4	3	-	-	-	-	-	7	-	-	-
Cherokee	87	1	44	29	10	-	2	1	-	82	-	5	-
Cheyenne	2	-	1	1	-	-	-	-	-	2	-	-	-
Clark	4	-	1	2	1	-	-	-	-	4	-	-	-
Clay	21	-	7	9	2	3	-	-	-	20	-	1	-
Cloud	25	-	6	13	4	2	-	-	-	25	-	-	-
Coffey	18	-	9	7	1	1	-	-	-	18	-	-	-
Comanche	2	-	-	2	-	-	-	-	-	2	-	-	-
Cowley	143	1	51	50	24	12	5	-	-	126	14	3	-
Crawford	134	1	46	57	20	8	2	-	-	127	6	1	-
Decatur	3	-	1	2	-	-	-	-	-	3	-	-	-
Dickinson	44	-	15	15	10	3	1	-	-	41	1	2	-
Doniphan	20	-	7	9	3	1	-	-	-	18	1	1	-
Douglas	191	1	69	76	25	14	5	1	-	142	32	17	-
Edwards	4	-	3	1	-	-	-	-	-	4	-	-	-
Elk	8	-	2	3	2	-	1	-	-	8	-	-	-
Ellis	46	-	13	22	4	5	1	-	1	44	1	1	-
Ellsworth	12	-	3	6	3	-	-	-	-	12	-	-	-
Finney	301	1	107	104	49	27	12	-	1	278	5	18	-
Ford	174	-	61	66	35	6	4	2	-	166	3	5	-
Franklin	82	1	27	41	9	4	-	-	-	80	1	1	-
Geary	237	2	76	94	39	22	4	-	-	95	136	6	-
Gove	6	-	2	2	2	-	-	-	-	6	-	-	-
Graham	3	-	-	-	-	2	1	-	-	2	-	-	1
Grant	21	-	10	9	2	-	-	-	-	21	-	-	-
Gray	10	-	3	4	3	-	-	-	-	10	-	-	-
Greeley	1	-	-	1	-	-	-	-	-	1	-	-	-
Greenwood	19	-	9	7	-	2	1	-	-	19	-	-	-
Hamilton	2	-	-	1	1	-	-	-	-	2	-	-	-
Harper	13	-	6	6	-	1	-	-	-	13	-	-	-
Harvey	72	-	30	28	10	4	-	-	-	68	4	-	-
Haskell	6	-	4	1	-	1	-	-	-	6	-	-	-
Hodgeman	4	-	3	1	-	-	-	-	-	4	-	-	-
Jackson	32	-	8	18	4	2	-	-	-	27	-	5	-
Jefferson	27	1	12	5	6	1	1	1	-	27	-	-	-
Jewell	2	-	1	-	1	-	-	-	-	1	-	-	1
Johnson	645	2	191	238	118	69	21	6	-	556	78	10	1
Kearny	16	-	8	6	-	1	1	-	-	16	-	-	-
Kingman	12	-	8	2	-	2	-	-	-	12	-	-	-
Kiowa	5	-	2	1	2	-	-	-	-	4	-	1	-
Labette	95	-	34	39	15	5	2	-	-	83	11	1	-
Lane	4	-	1	3	-	-	-	-	-	4	-	-	-
Leavenworth	195	-	64	83	31	8	5	4	-	134	58	3	-
Lincoln	2	-	1	-	-	1	-	-	-	2	-	-	-
Linn	19	-	7	6	2	2	1	1	-	19	-	-	-
Logan	4	-	2	-	1	1	-	-	-	4	-	-	-

TABLE 16
OUT-OF-WEDLOCK BIRTHS BY AGE-GROUP AND RACE OF MOTHER
BY COUNTY OF RESIDENCE
KANSAS, 1992

County of Residence	Total	Age-Group of Mother								Race of Mother			
		10–14	15–19	20–24	25–29	30–34	35–39	40–44	45 & Over	White	Black	Other Non-White	Not Stated
Lyon	131	–	35	64	20	9	3	–	–	112	11	7	1
Marion	11	–	4	5	–	2	–	–	–	11	–	–	–
Marshall	15	1	3	9	1	1	–	–	–	15	–	–	–
McPherson	50	–	15	18	11	5	1	–	–	46	2	2	–
Meade	5	–	4	1	–	–	–	–	–	5	–	–	–
Miami	64	1	21	27	5	9	1	–	–	60	4	–	–
Mitchell	7	–	3	1	1	1	–	1	–	7	–	–	–
Montgomery	132	1	55	52	15	6	3	–	–	98	30	4	–
Morris	10	–	5	1	4	–	–	–	–	10	–	–	–
Morton	12	–	5	3	2	1	1	–	–	11	–	1	–
Nemaha	6	–	1	4	1	–	–	–	–	6	–	–	–
Neosho	44	–	20	14	5	4	1	–	–	44	–	–	–
Ness	3	–	1	1	1	–	–	–	–	3	–	–	–
Norton	9	–	3	4	–	2	–	–	–	9	–	–	–
Osage	38	–	9	18	6	5	–	–	–	38	–	–	–
Osborne	10	–	3	4	2	1	–	–	–	10	–	–	–
Ottawa	7	–	4	2	1	–	–	–	–	7	–	–	–
Pawnee	15	–	5	4	4	–	2	–	–	14	1	–	–
Phillips	7	–	2	5	–	–	–	–	–	6	–	–	1
Pottawatomie	14	–	7	5	2	–	–	–	–	13	1	–	–
Pratt	29	–	7	15	2	4	1	–	–	27	1	1	–
Rawlins	7	–	2	3	2	–	–	–	–	7	–	–	–
Reno	191	1	67	85	23	9	6	–	–	175	13	3	–
Republic	8	–	4	1	1	–	1	1	–	8	–	–	–
Rice	22	–	8	11	3	–	–	–	–	21	1	–	–
Riley	104	1	35	45	16	3	4	–	–	77	23	4	–
Rooks	14	–	6	4	2	1	1	–	–	14	–	–	–
Rush	4	–	1	2	–	1	–	–	–	3	–	1	–
Russell	10	–	2	5	2	1	–	–	–	10	–	–	–
Saline	200	1	63	80	36	14	4	2	–	177	19	4	–
Scott	8	–	6	1	–	1	–	–	–	8	–	–	–
Sedgwick	2,173	23	782	769	346	179	67	7	–	1405	676	88	4
Seward	149	–	52	59	22	12	3	1	–	121	21	7	–
Shawnee	733	10	235	268	133	59	22	6	–	478	232	23	–
Sheridan	3	–	–	1	1	–	–	1	–	3	–	–	–
Sherman	25	–	11	7	4	3	–	–	–	25	–	–	–
Smith	5	–	–	3	–	1	1	–	–	5	–	–	–
Stafford	12	–	3	8	–	–	1	–	–	12	–	–	–
Stanton	6	1	2	3	–	–	–	–	–	6	–	–	–
Stevens	13	–	6	3	3	1	–	–	–	12	–	1	–
Sumner	80	–	33	24	15	5	3	–	–	78	2	–	–
Thomas	18	–	6	6	5	1	–	–	–	18	–	–	–
Trego	2	–	1	1	–	–	–	–	–	2	–	–	–
Wabaunsee	14	–	5	6	1	2	–	–	–	14	–	–	–
Wallace	4	–	1	2	1	–	–	–	–	3	–	1	–
Washington	5	–	3	2	–	–	–	–	–	5	–	–	–
Wichita	11	–	5	2	1	2	1	–	–	11	–	–	–
Wilson	36	–	13	20	3	–	–	–	–	36	–	–	–
Woodson	6	–	2	2	1	1	–	–	–	6	–	–	–
Wyandotte	1,460	13	512	533	231	116	46	7	2	682	767	11	–

OUT-OF-WEDLOCK BIRTH RATIOS
KANSAS AND THE U.S., 1952-1992



•DATA NOT AVAILABLE FOR 1991-1992
RATIO PER 100 LIVE BIRTHS
RESIDENCE DATA

Figure 15

TEENAGE PREGNANCY RATES*
KANSAS, 1982-1992

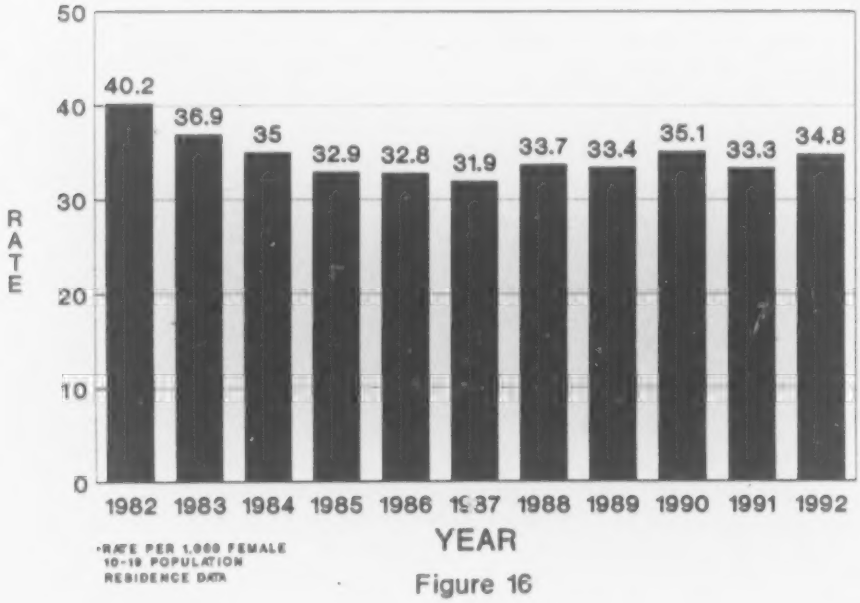


Figure 16

Table 17
Teenage Pregnancy Rates*
Kansas, 1982-1992

Year	Total Pregnancies Age 10-14	Total Pregnancies Age 15-19	Total Teen Pregnancies	Pregnancy Rate Age 10-14	Pregnancy Rate Age 15-19	Total Teen Pregnancy Rate
1982	98	7,409	7,507	1.1	73.1	40.2
1983	96	6,679	6,775	1.1	67.9	36.9
1984	112	6,231	6,343	1.3	65.2	35.0
1985	122	5,767	5,889	1.4	62.3	32.9
1986	103	5,673	5,776	1.2	62.9	32.8
1987	85	5,497	5,582	1.0	62.6	31.9
1988	90	5,813	5,903	1.0	67.7	33.7
1989	117	5,756	5,873	1.3	68.6	33.4
1990	93	5,900	5,993	1.1	70.5	35.1
1991	98	5,645	5,743	1.1	69.0	33.3
1992	111	6,054	6,165	1.2	72.6	34.8

*Rate per 1,000 female age-group population
Total pregnancies is the sum of live births, reported abortions and fetal deaths
Residence data

TEEN AND NONTEEN LIVE BIRTHS: PERCENT DISTRIBUTION BY MONTH PRENATAL CARE BEGAN
KANSAS, 1992

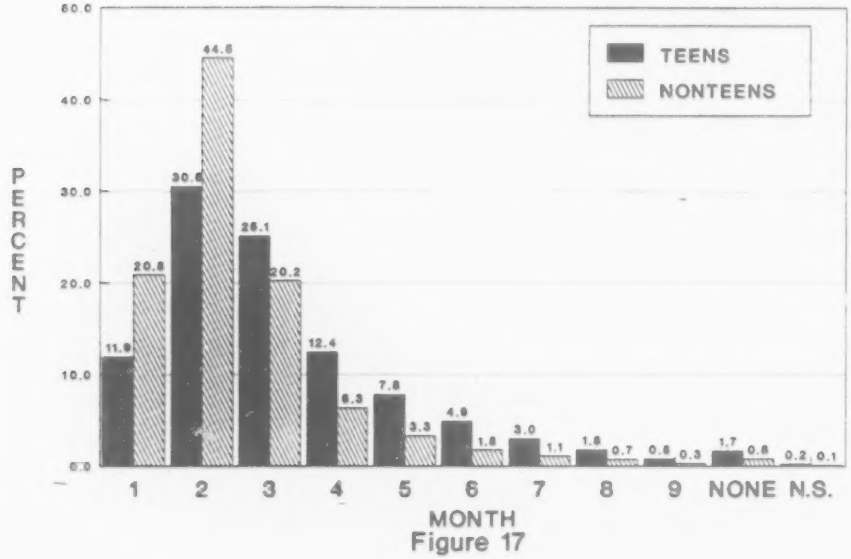


Figure 17

TEENAGE LIVE BIRTHS BY RACE OF MOTHER
KANSAS, 1982 and 1992

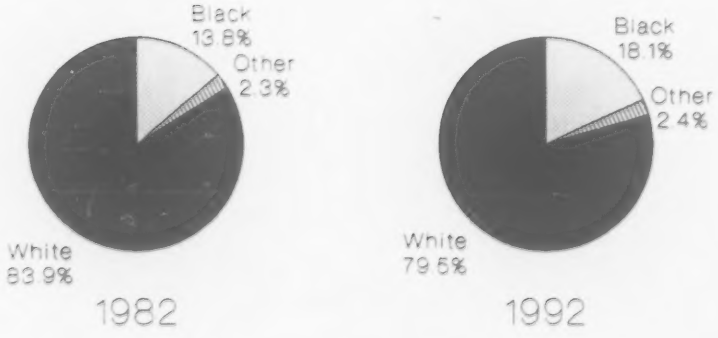
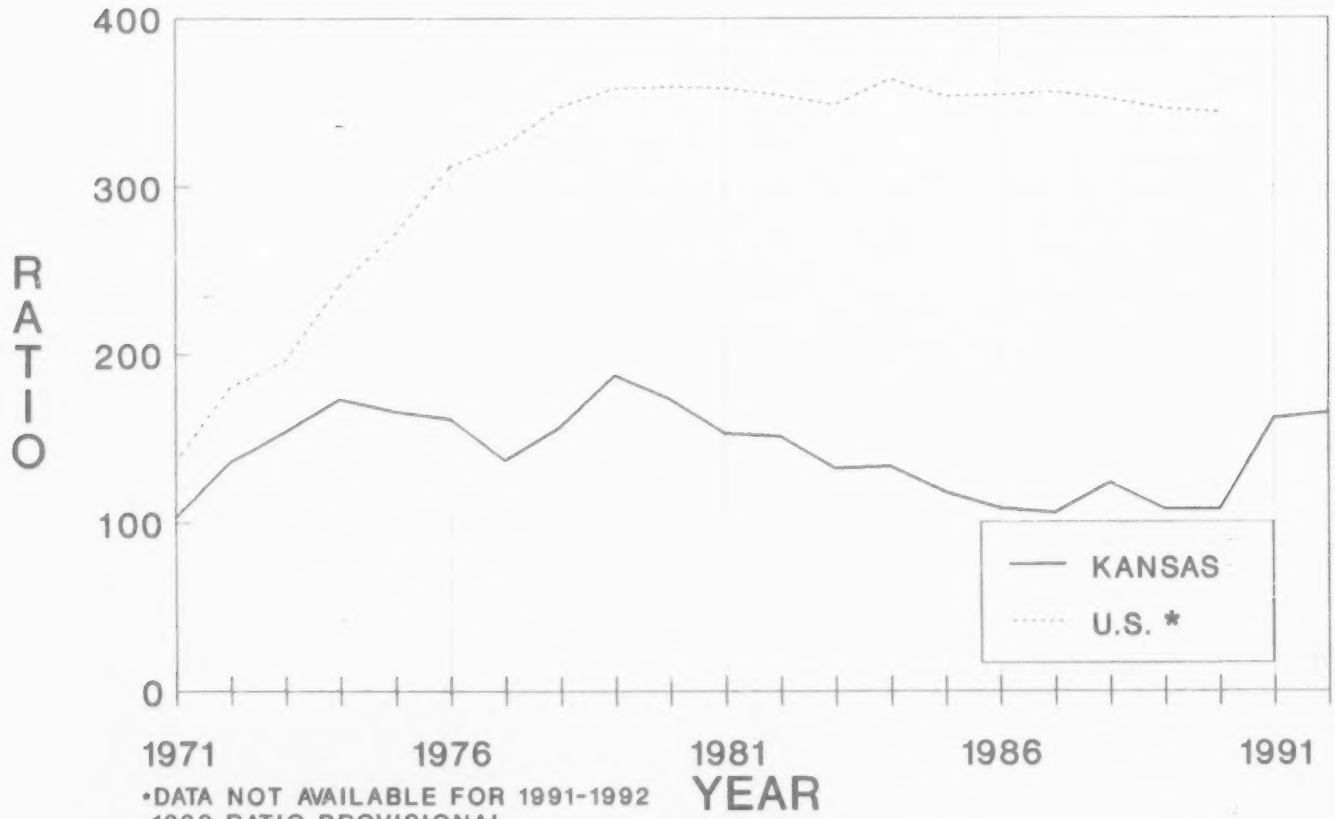


Figure 18

ABORTION RATIOS
KANSAS AND THE U.S., 1971-1992



*DATA NOT AVAILABLE FOR 1991-1992
1990 RATIO PROVISIONAL
RATIO PER 1,000 LIVE BIRTHS
RESIDENCE DATA

Figure 19

TABLE 18
REPORTED ABORTIONS AND ABORTION RATIOS*
KANSAS AND THE U.S. 1971–1992

Year	Total	Out of State Residents	Kansas		Not Stated	U.S.	
			Residents	Ratio		Number	Ratio
1971.....	9,472	5,763	3,709	103.0	–	485,816	136.6
1972.....	12,248	7,736	4,512	136.0	–	586,760	180.1
1973.....	12,812	7,695	4,917	153.8	–	615,831	196.3
1974.....	10,171	4,503	5,657	172.9	11	763,476	241.6
1975.....	9,160	3,565	5,581	165.6	14	854,853	271.9
1976.....	9,154	3,455	5,686	161.2	13	988,267	312.0
1977.....	7,965	2,918	5,045	137.0	2	1,079,430	324.5
1978.....	9,740	3,957	5,722	156.4	61	1,157,776	347.3
1979.....	12,335	5,042	7,281	187.1	12	1,251,921	358.3
1980.....	11,791	4,750	7,038	173.0	3	1,297,606	359.2
1981.....	10,448	4,150	6,291	152.7	7	1,300,760	358.4
1982.....	9,976	3,823	6,153	151.0	–	1,303,980	354.3
1983.....	8,547	3,218	5,329	132.0	–	1,268,987	348.7
1984.....	8,008	2,689	5,319	133.1	–	1,333,521	364.1
1985.....	7,092	2,447	4,645	117.8	–	1,328,570	353.8
1986.....	6,561	2,316	4,245	108.4	–	1,328,112	354.2
1987.....	6,409	2,357	4,052	105.4	–	1,353,671	356.1
1988.....	7,930	3,161	4,769	123.2	–	1,371,285	352.0
1989.....	8,984 **	3,270	4,149	107.4	1,565 ***	1,396,658	346.0
1990.....	9,459 **	3,341	4,175	107.4	1,943 ***	1,429,577 ****	344.0 ****
1991.....	10,141 **	4,071	6,070	161.3	– ***	n.a.	n.a.
1992.....	11,135 **	4,904	6,231	164.6	– ***	n.a.	n.a.

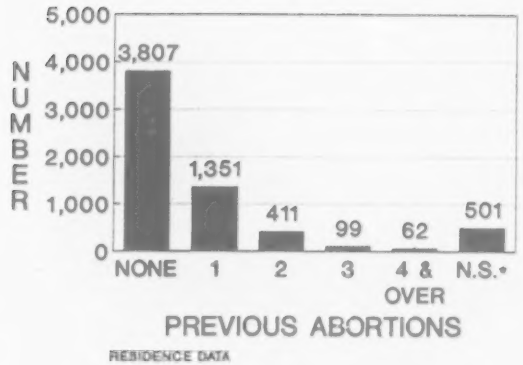
*Ratio per 1,000 live births
Source for U.S. data: Centers for Disease Control

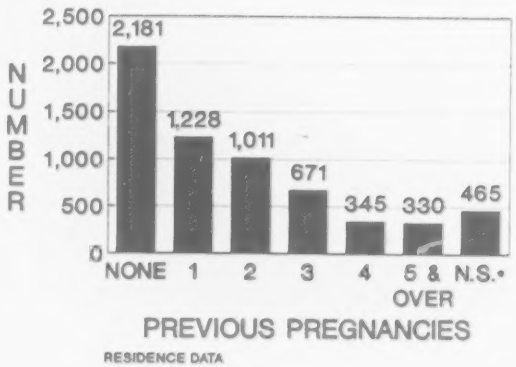
** The increase in the 1989–1992 figures does not reflect an increase in the number of abortions being performed but rather an increase in the number of providers voluntarily reporting data.

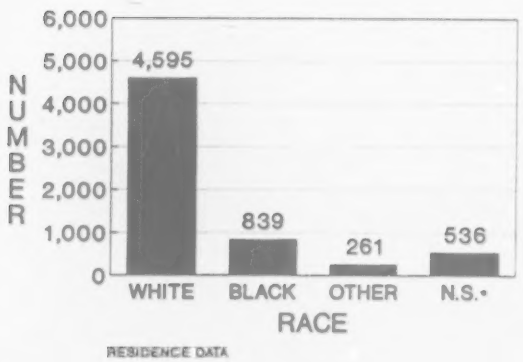
*** Residency data was not available for all abortions in 1989–1990 but due to improved reporting was obtained for all of the abortions reported in 1991–1992. This improved reporting is also responsible for the increase in the abortion ratio.

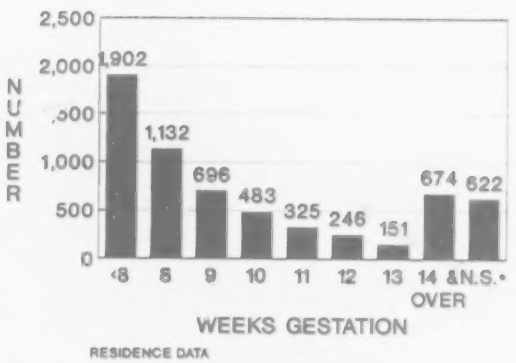
****Provisional

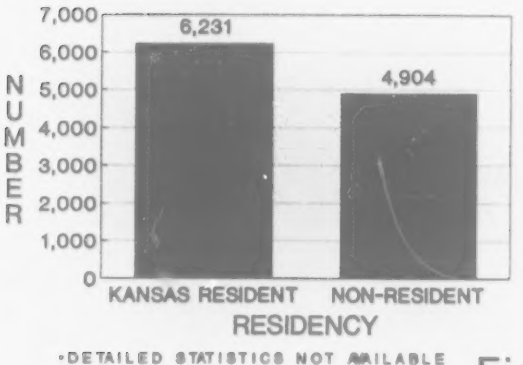
REPORTED INDUCED ABORTIONS
BY SELECTED CHARACTERISTICS
KANSAS, 1992











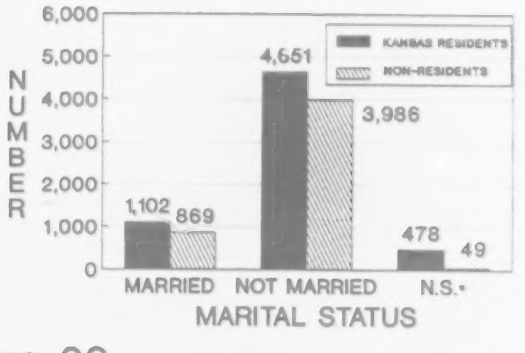


Figure 20

TABLE 19
REPORTED ABORTIONS BY AGE-GROUP OF PATIENT
BY COUNTY OF RESIDENCE
KANSAS, 1992

County of Residence	Total	Age-Group of Patient								
		10–14	15–19	20–24	25–29	30–34	35–39	40–44	45 & Over	N.S.*
Kansas	6,231	42	1,407	2,023	1,112	681	394	103	6	463
Allen	16	–	5	5	4	2	–	–	–	–
Anderson	66	–	–	–	2	3	1	–	–	–
Atchison	32	–	11	14	2	3	2	–	–	–
Barber	6	–	3	2	–	1	–	–	–	–
Barton	38	–	10	10	10	5	1	2	–	–
Bourbon	29	–	7	6	11	2	2	1	–	–
Brown	9	–	2	2	3	2	–	–	–	–
Butler	97	1	40	23	12	10	9	2	–	–
Chase	7	–	2	4	–	–	–	1	–	–
Chautauqua	1	–	–	1	–	–	–	–	–	–
Cherokee	22	1	7	6	4	1	2	1	–	–
Cheyenne	–	–	–	–	–	–	–	–	–	–
Clark	1	–	–	–	–	1	–	–	–	–
Clay	4	–	1	2	–	–	1	–	–	–
Cloud	16	–	5	7	2	1	1	–	–	–
Coffey	11	–	3	4	1	1	2	–	–	–
Comanche	1	–	–	–	1	–	–	–	–	–
Cowley	46	1	19	10	5	9	1	1	–	–
Crawford	84	1	27	33	10	7	6	–	–	–
Decatur	–	–	–	–	–	–	–	–	–	–
Dickinson	19	–	6	5	5	3	–	–	–	–
Doniphan	14	–	4	4	2	4	–	–	–	–
Douglas	312	–	60	168	41	25	14	4	–	–
Edwards	3	–	–	–	3	–	–	–	–	–
Elk	1	–	–	–	1	–	–	–	–	–
Ellis	62	–	19	27	5	9	1	1	–	–
Ellsworth	3	–	–	1	1	–	1	–	–	–
Finney	47	–	13	21	6	4	3	–	–	–
Ford	45	–	12	16	8	7	2	–	–	–
Franklin	29	–	7	11	4	4	3	–	–	–
Geary	99	1	18	32	29	12	4	1	1	1
Gove	1	–	–	–	1	–	–	–	–	–
Graham	2	–	–	–	1	1	–	–	–	–
Grant	1	–	1	–	–	–	–	–	–	–
Gray	2	–	–	1	–	–	1	–	–	–
Greeley	–	–	–	–	–	–	–	–	–	–
Greenwood	8	–	2	4	–	1	1	–	–	–
Hamilton	1	–	1	–	–	–	–	–	–	–
Harper	7	–	4	–	1	–	2	–	–	–
Harvey	34	–	14	9	1	7	2	1	–	–
Haskell	3	–	–	2	–	1	–	–	–	–
Hodgeman	–	–	–	–	–	–	–	–	–	–
Jackson	15	–	5	5	2	–	2	1	–	–
Jefferson	15	–	5	7	1	2	–	–	–	–
Jewell	2	–	2	–	–	–	–	–	–	–
Johnson	1,264	7	231	407	277	178	131	27	3	3
Kearny	3	–	1	–	1	–	1	–	–	–
Kingman	3	–	2	–	1	–	–	–	–	–
Kiowa	–	–	–	–	–	–	–	–	–	–
Labette	26	–	8	10	7	–	1	–	–	–
Lane	–	–	–	–	–	–	–	–	–	–
Leavenworth	126	2	27	44	24	18	5	6	–	–
Lincoln	3	–	1	–	–	1	–	1	–	–
Linn	5	–	2	1	1	–	–	–	–	1
Logan	–	–	–	–	–	–	–	–	–	–

TABLE 19
REPORTED ABORTIONS BY AGE-GROUP OF PATIENT
BY COUNTY OF RESIDENCE
KANSAS, 1992

County of Residence	Total	Age-Group of Patient								
		10–14	15–19	20–24	25–29	30–34	35–39	40–44	45 & Over	N.S.*
Lyon	99	2	27	43	12	12	3	–	–	–
Marion	10	1	3	3	2	–	1	–	–	–
Marshall	3	–	1	1	–	–	1	–	–	–
McPherson	26	–	7	12	4	2	1	–	–	–
Meade	3	–	1	2	–	–	–	–	–	–
Miami	60	1	21	14	7	12	3	2	–	–
Mitchell	5	–	1	2	2	–	–	–	–	–
Montgomery	30	–	8	13	2	2	5	–	–	–
Morris	5	–	2	1	–	–	1	1	–	–
Morton	2	–	1	1	–	–	–	–	–	–
Nemaha	7	–	1	2	2	–	1	1	–	–
Neosho	13	1	5	4	1	2	–	–	–	–
Ness	3	–	2	–	–	–	–	1	–	–
Norton	1	–	–	1	–	–	–	–	–	–
Osage	10	–	4	3	2	1	–	–	–	–
Osborne	1	–	–	–	1	–	–	–	–	–
Ottawa	2	–	1	1	–	–	–	–	–	–
Pawnee	13	–	4	8	1	–	–	–	–	–
Phillips	2	–	–	1	1	–	–	–	–	–
Pottawatomie	18	–	9	5	1	3	–	–	–	–
Pratt	14	–	8	4	–	–	1	1	–	–
Rawlins	–	–	–	–	–	–	–	–	–	–
Reno	79	1	27	25	15	5	5	1	–	–
Republic	3	–	2	–	–	1	–	–	–	–
Rice	6	–	1	4	–	1	–	–	–	–
Riley	216	1	50	99	38	12	10	3	–	3
Rooks	3	–	–	1	–	1	1	–	–	–
Rush	3	–	1	2	–	–	–	–	–	–
Russell	10	–	3	1	2	2	2	–	–	–
Saline	88	1	24	30	11	13	8	1	–	–
Scott	3	–	–	2	–	1	–	–	–	–
Sedgwick	1,247	9	317	435	272	122	69	20	2	1
Seward	36	1	13	12	7	1	2	–	–	–
Shawnee	386	4	98	113	68	62	29	10	–	2
Sheridan	–	–	–	–	–	–	–	–	–	–
Sherman	5	–	4	–	1	–	–	–	–	–
Smith	1	–	–	–	1	–	–	–	–	–
Stafford	5	–	2	1	1	1	–	–	–	–
Stanton	3	–	–	1	1	1	–	–	–	–
Stevens	3	–	–	3	–	–	–	–	–	–
Sumner	21	1	11	4	1	2	2	–	–	–
Thomas	7	–	2	2	2	1	–	–	–	–
Trego	3	–	2	–	–	1	–	–	–	–
Wabaunsee	4	–	1	1	1	1	–	–	–	–
Wallace	–	–	–	–	–	–	–	–	–	–
Washington	2	–	–	–	–	–	1	1	–	–
Wichita	2	–	–	–	–	1	–	1	–	–
Wilson	9	–	2	3	2	1	–	1	–	–
Woodson	3	–	–	2	–	1	–	–	–	–
Wyandotte	712	5	152	250	155	89	45	9	–	7
N.S*	463	–	2	7	6	2	1	–	–	445

*Detailed statis tics not available

Perinatal, Infant and Maternal Deaths

PERINATAL, INFANT AND MATERNAL DEATH HIGHLIGHTS

- In 1992, 56.0 percent of the reported fetal deaths occurred to mothers in the 20-29 age-group. (Table 20)

- In 1992, 75.3 percent of all fetal deaths weighed less than 2,500 grams, with a fetal death rate of 62.0 deaths per 1,000 total births. For comparison, in 1982, 69.9 percent of reported fetal deaths weighed 2,500 grams or less but died at a rate of 83.3 deaths per 1,000 total births. (Figure 21)

- Examining the components that constitute perinatal period III mortality, the numbers of fetal deaths and hebdomadal deaths declined 59.9 percent and 77.6 percent respectively from 1962 to 1992. In 1992, there were 381 perinatal period III deaths representing a death rate of 10.0 deaths per 1,000 total births. This rate has decreased 61.4 percent from the 1962 rate of 25.9. (Tables 21 and 22, Figure 22)

- A total of 332 infant deaths occurred to Kansas residents in 1992. The overall infant death rate for 1992 was 8.8 infant deaths per 1,000 live births, a decrease of 2.2 percent from the infant death rate of 9.0 in 1991. For comparison, the 1992 rate (8.8) represents a 61.2 percent decrease from the infant death rate of 22.7 in 1962. The white infant death rate was 7.5 deaths per 1,000 live births in 1992, a decrease of 65.3 percent from the rate of 21.6 in 1962. The black infant death rate in 1992 was 21.8 deaths per 1,000 live births, a decrease of 41.6 percent from the rate of 37.3 in 1962. (Figure 23, Table 23)

- During the five-year period, 1988-1992, the infant death rate for Kansas was 8.5. Chautauqua county had the highest infant death rate (27.8) during this time period and 19 counties had no infant deaths. Pottawatomie and Thomas counties had an infant death rate of 1.6 per 1,000 live births. (Table 24)

- Of all infant deaths, 41.2 percent were attributed to conditions originating in the perinatal period, 23.2 percent were attributed to congenital anomalies, 16.6 percent to sudden infant death syndrome and 19.0 percent to all other causes. (Table 25)

- The rate of maternal deaths for Kansas and the U.S. declined considerably between 1962 and 1992. The maternal death rate for Kansas in 1992 was 0.5 deaths per 10,000 live births, an 80.0 percent decrease from the 1962 rate of 2.5. (Figure 25)

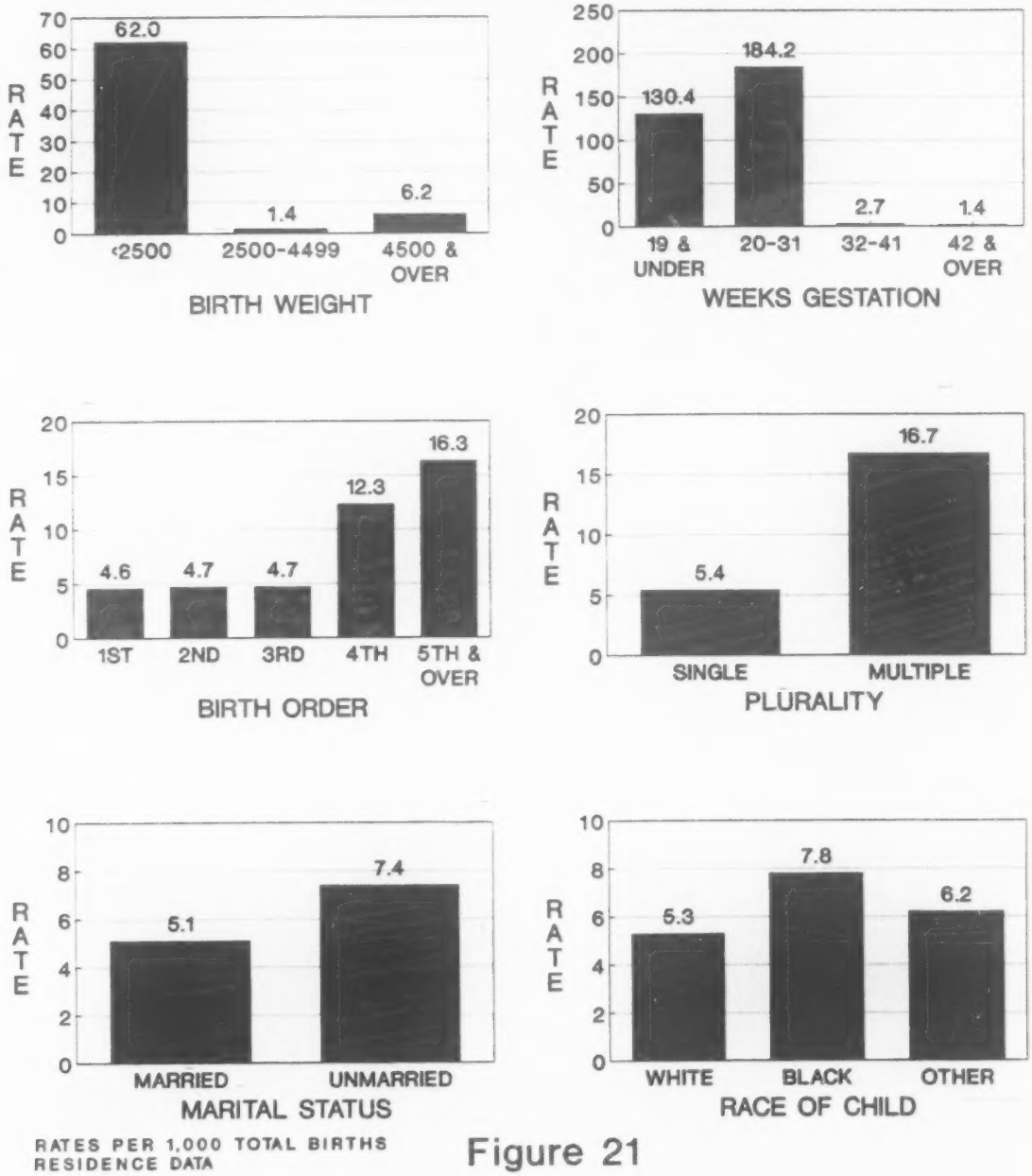
TABLE 20
FETAL DEATHS BY AGE GROUP OF MOTHER
BY COUNTY OF RESIDENCE
KANSAS, 1992

County of Residence	Age–Group of Mother									
	Total	10–14	15–19	20–24	25–29	30–34	35–39	40–44	45 & Over	N.S.
Kansas	216	1	26	68	53	36	27	5	–	–
Allen	–	–	–	–	–	–	–	–	–	–
Anderson	–	–	–	–	–	–	–	–	–	–
Atchison	3	–	–	1	2	–	–	–	–	–
Barber	–	–	–	–	–	–	–	–	–	–
Barton	1	–	–	–	–	1	–	–	–	–
Bourbon	–	–	–	–	–	–	–	–	–	–
Brown	–	–	–	–	–	–	–	–	–	–
Butler	6	–	2	1	2	1	–	–	–	–
Chase	–	–	–	–	–	–	–	–	–	–
Chautauqua	–	–	–	–	–	–	–	–	–	–
Cherokee	–	–	–	–	–	–	–	–	–	–
Cheyenne	–	–	–	–	–	–	–	–	–	–
Clark	–	–	–	–	–	–	–	–	–	–
Clay	–	–	–	–	–	–	–	–	–	–
Cloud	–	–	–	–	–	–	–	–	–	–
Coffey	–	–	–	–	–	–	–	–	–	–
Comanche	1	–	–	1	–	–	–	–	–	–
Cowley	3	–	–	1	1	1	–	–	–	–
Crawford	4	–	2	–	–	1	1	–	–	–
Decatur	–	–	–	–	–	–	–	–	–	–
Dickinson	–	–	–	–	–	–	–	–	–	–
Doniphan	–	–	–	–	–	–	–	–	–	–
Douglas	7	–	–	1	2	–	4	–	–	–
Edwards	–	–	–	–	–	–	–	–	–	–
Elk	–	–	–	–	–	–	–	–	–	–
Ellis	–	–	–	–	–	–	–	–	–	–
Ellsworth	–	–	–	–	–	–	–	–	–	–
Finney	4	–	2	–	–	1	1	–	–	–
Ford	6	–	3	2	1	–	–	–	–	–
Franklin	1	–	–	–	1	–	–	–	–	–
Geary	7	1	–	3	1	2	–	–	–	–
Gove	–	–	–	–	–	–	–	–	–	–
Graham	–	–	–	–	–	–	–	–	–	–
Grant	2	–	1	–	1	–	–	–	–	–
Gray	1	–	–	1	–	–	–	–	–	–
Greeley	1	–	–	–	–	1	–	–	–	–
Greenwood	1	–	1	–	–	–	–	–	–	–
Hamilton	–	–	–	–	–	–	–	–	–	–
Harper	–	–	–	–	–	–	–	–	–	–
Harvey	–	–	–	–	–	–	–	–	–	–
Haskell	2	–	–	2	–	–	–	–	–	–
Hodgeman	–	–	–	–	–	–	–	–	–	–
Jackson	2	–	1	1	–	–	–	–	–	–
Jefferson	1	–	–	–	1	–	–	–	–	–
Jewell	–	–	–	–	–	–	–	–	–	–
Johnson	19	–	1	4	4	4	3	3	–	–
Kearny	–	–	–	–	–	–	–	–	–	–
Kingman	1	–	–	–	1	–	–	–	–	–
Kiowa	–	–	–	–	–	–	–	–	–	–
Labette	1	–	–	1	–	–	–	–	–	–
Lane	1	–	–	1	–	–	–	–	–	–
Leavenworth	4	–	–	1	1	1	1	–	–	–
Lincoln	–	–	–	–	–	–	–	–	–	–
Linn	1	–	–	–	–	1	–	–	–	–
Logan	–	–	–	–	–	–	–	–	–	–

TABLE 20
FETAL DEATHS BY AGE GROUP OF MOTHER
BY COUNTY OF RESIDENCE
KANSAS, 1992

County of Residence	Age-Group of Mother									
	Total	10–14	15–19	20–24	25–29	30–34	35–39	40–44	45 & Over	N.S.
Lyon	–	–	–	–	–	–	–	–	–	–
Marion	–	–	–	–	–	–	–	–	–	–
Marshall	–	–	–	–	–	–	–	–	–	–
McPherson	2	–	–	1	1	–	–	–	–	–
Meade	1	–	–	1	–	–	–	–	–	–
Miami	2	–	1	1	–	–	–	–	–	–
Mitchell	–	–	–	–	–	–	–	–	–	–
Montgomery	1	–	–	1	–	–	–	–	–	–
Morris	1	–	–	–	–	1	–	–	–	–
Morton	–	–	–	–	–	–	–	–	–	–
Nemaha	4	–	–	1	1	–	2	–	–	–
Neosho	2	–	1	1	–	–	–	–	–	–
Ness	–	–	–	–	–	–	–	–	–	–
Norton	2	–	–	1	1	–	–	–	–	–
Osage	–	–	–	–	–	–	–	–	–	–
Osborne	–	–	–	–	–	–	–	–	–	–
Ottawa	–	–	–	–	–	–	–	–	–	–
Pawnee	–	–	–	–	–	–	–	–	–	–
Phillips	–	–	–	–	–	–	–	–	–	–
Pottawatomie	–	–	–	–	–	–	–	–	–	–
Pratt	1	–	–	–	1	–	–	–	–	–
Rawlins	–	–	–	–	–	–	–	–	–	–
Reno	3	–	–	1	1	1	–	–	–	–
Republic	–	–	–	–	–	–	–	–	–	–
Rice	1	–	–	–	–	–	1	–	–	–
Riley	2	–	–	1	–	1	–	–	–	–
Rooks	–	–	–	–	–	–	–	–	–	–
Rush	1	–	–	–	1	–	–	–	–	–
Russell	1	–	–	1	–	–	–	–	–	–
Saline	9	–	–	–	8	1	–	–	–	–
Scott	3	–	–	–	1	1	1	–	–	–
Sedgwick	45	–	7	14	9	7	7	1	–	–
Seward	6	–	2	2	1	–	1	–	–	–
Shawnee	20	–	–	11	1	5	3	–	–	–
Sheridan	–	–	–	–	–	–	–	–	–	–
Sherman	–	–	–	–	–	–	–	–	–	–
Smith	–	–	–	–	–	–	–	–	–	–
Stafford	–	–	–	–	–	–	–	–	–	–
Stanton	–	–	–	–	–	–	–	–	–	–
Stevens	3	–	–	–	1	–	2	–	–	–
Sumner	2	–	–	2	–	–	–	–	–	–
Thomas	2	–	–	–	2	–	–	–	–	–
Trego	–	–	–	–	–	–	–	–	–	–
Wabaunsee	–	–	–	–	–	–	–	–	–	–
Wallace	2	–	–	1	1	–	–	–	–	–
Washington	1	–	–	1	–	–	–	–	–	–
Wichita	–	–	–	–	–	–	–	–	–	–
Wilson	4	–	–	2	1	–	–	1	–	–
Woodson	1	–	–	–	1	–	–	–	–	–
Wyandotte	14	–	2	4	3	5	–	–	–	–

FETAL DEATH RATES
BY SELECTED CHARACTERISTICS
KANSAS, 1992



RATES PER 1,000 TOTAL BIRTHS
RESIDENCE DATA

Figure 21

TABLE 21
PERINATAL PERIOD III DEATHS BY COMPONENT
KANSAS, 1962-1992

Year	Fetal Deaths*	Hebdomadal Deaths	Perinatal Period III Deaths	
			Number	Rate**
1992	216	165	381	10.0
1991	205	158	363	9.6
1990	217	162	379	9.7
1989	240	138	378	9.7
1988	236	161	397	10.2
1987	253	179	432	11.2
1986	242	153	395	10.0
1985	274	184	458	11.5
1984	277	200	477	11.9
1983	296	202	498	12.2
1982	336	234	570	13.9
1981	316	264	580	14.0
1980	340	226	566	13.8
1979	330	260	590	15.0
1978	331	254	585	15.8
1977	308	335	643	17.3
1976	364	310	674	18.9
1975	341	304	645	18.9
1974	379	354	733	22.2
1973	355	342	697	21.6
1972	375	410	785	23.4
1971	380	506	886	24.3
1970	423	477	900	23.3
1969	456	480	936	24.9
1968	393	494	887	24.7
1967	430	482	912	25.8
1966	455	522	977	26.7
1965	466	550	1,016	25.6
1964	467	653	1,120	25.6
1963	555	714	1,269	27.3
1962	538	737	1,275	25.9

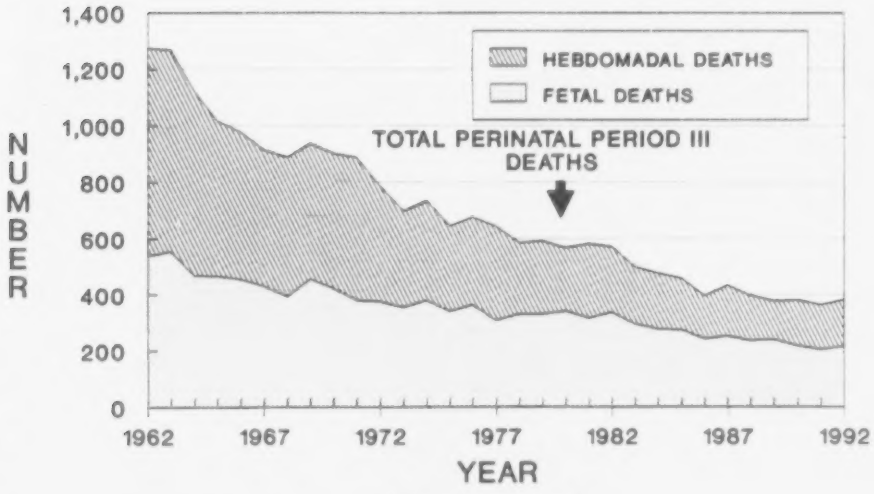
*Criteria for reporting fetal deaths changed from twenty weeks gestation to a fetal weight of more than 350 grams in 1963.

**Rate per 1,000 total births
Residence data

TABLE 22
PERINATAL PERIOD III DEATHS BY COMPONENT
BY COUNTY OF RESIDENCE
KANSAS, 1992

County of Residence	Total	Perinatal Period III Deaths		County of Residence	Total	Perinatal Period III Deaths	
		Fetal Deaths	Hebdomadal Deaths			Fetal Deaths	Hebdomadal Deaths
Kansas	381	216	165				
Allen	1	–	1	Lyon	–	–	–
Anderson	–	–	–	Marion	1	–	1
Atchison	3	3	–	Marshall	–	–	–
Barber	–	–	–	McPherson	5	2	3
Barton	5	1	4	Meade	1	1	–
Bourbon	1	–	1	Miami	4	2	2
Brown	1	–	1	Mitchell	–	–	–
Butler	10	6	4	Montgomery	5	1	4
Chase	–	–	–	Morris	1	1	–
Chautauqua	–	–	–	Morton	–	–	–
Cherokee	2	–	2	Nemaha	4	4	–
Cheyenne	–	–	–	Neosho	3	2	1
Clark	–	–	–	Ness	1	–	1
Clay	–	–	–	Norton	2	2	–
Cloud	–	–	–	Osage	–	–	–
Coffey	–	–	–	Osborne	–	–	–
Comanche	1	1	–	Ottawa	–	–	–
Cowley	5	3	2	Pawnee	–	–	–
Crawford	6	4	2	Phillips	–	–	–
Decatur	–	–	–	Pottawatomie	–	–	–
Dickinson	1	–	1	Pratt	2	1	1
Doniphan	–	–	–	Rawlins	–	–	–
Douglas	12	7	5	Reno	6	3	3
Edwards	–	–	–	Republic	–	–	–
Elk	–	–	–	Rice	5	1	4
Ellis	–	–	–	Riley	7	2	5
Ellsworth	–	–	–	Rooks	–	–	–
Finney	7	4	3	Rush	1	1	–
Ford	7	6	1	Russell	1	1	–
Franklin	3	1	2	Saline	14	9	5
Geary	13	7	6	Scott	5	3	2
Gove	–	–	–	Sedgwick	83	45	38
Graham	–	–	–	Seward	7	6	1
Grant	2	2	–	Shawnee	27	20	7
Gray	1	1	–	Sheridan	–	–	–
Greeley	1	1	–	Sherman	–	–	–
Greenwood	1	1	–	Smith	–	–	–
Hamilton	–	–	–	Stafford	–	–	–
Harper	–	–	–	Stanton	–	–	–
Harvey	3	–	3	Stevens	3	3	–
Haskell	3	2	1	Sumner	3	2	1
Hodgeman	–	–	–	Thomas	2	2	–
Jackson	3	2	1	Trego	–	–	–
Jefferson	3	1	2	Wabaunsee	1	–	1
Jewell	–	–	–	Wallace	2	2	–
Johnson	37	19	18	Washington	1	1	–
Kearny	1	–	1	Wichita	–	–	–
Kingman	2	1	1	Wilson	5	4	1
Kiowa	1	–	1	Woodson	1	1	–
Labette	1	1	–	Wyandotte	31	14	17
Lane	1	1	–				
Leavenworth	7	4	3				
Lincoln	–	–	–				
Linn	2	1	1				
Logan	–	–	–				

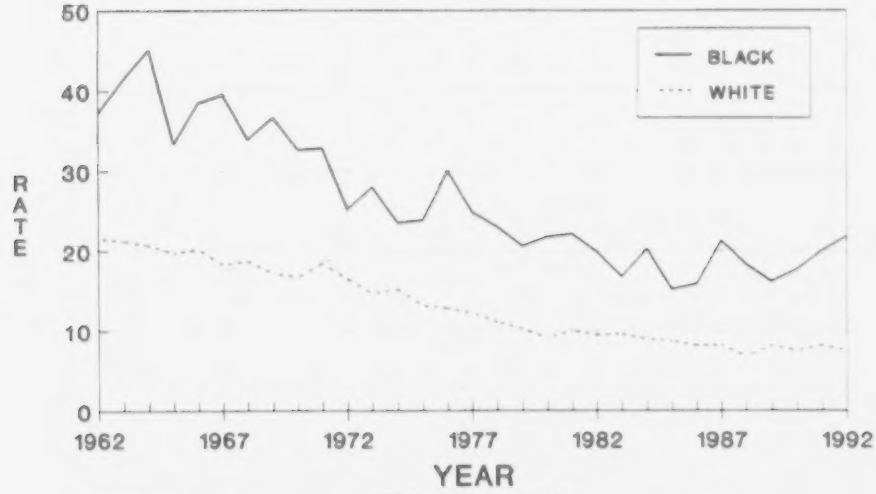
PERINATAL PERIOD III DEATHS
BY COMPONENT
KANSAS, SELECTED YEARS, 1962-1992



RESIDENCE DATA

Figure 22

INFANT DEATH RATES
BY RACE OF MOTHER
KANSAS, 1962-1992



RATE PER 1,000 LIVE BIRTHS
RESIDENCE DATA

Figure 23

TABLE 23
INFANT DEATH RATES*
BY RACE OF MOTHER
KANSAS, 1962-1992

Year	White			Black			Total Infant Death Rate
	Live Births	Infant Deaths	Rate	Live Births	Infant Deaths	Rate	
1962	45,388	980	21.6	2,867	107	37.3	22.7
1963	42,725	904	21.2	2,843	118	41.5	22.7
1964	40,112	832	20.7	2,750	124	45.1	22.4
1965	36,172	711	19.7	2,637	88	33.4	20.8
1966	33,582	679	20.2	2,364	91	38.5	21.6
1967	32,369	592	18.3	2,251	89	39.5	19.8
1968	32,811	614	18.7	2,296	78	34.0	19.6
1969	34,465	593	17.2	2,406	88	36.6	18.4
1970	35,352	590	16.7	2,511	82	32.7	17.7
1971	33,172	611	18.4	2,466	81	32.8	19.4
1972	30,351	502	16.5	2,377	60	25.2	17.2
1973	29,328	431	14.7	2,214	62	28.0	15.5
1974	30,046	458	15.2	2,212	52	23.5	15.7
1975	30,980	408	13.2	2,226	53	23.8	13.9
1976	32,220	414	12.8	2,433	73	30.0	13.9
1977	33,657	411	12.2	2,577	64	24.8	13.0
1978	33,277	369	11.1	2,691	62	23.0	12.0
1979	35,315	360	10.2	2,918	60	20.6	11.0
1980	36,772	336	9.1	3,129	68	21.7	10.1
1981	37,253	374	10.0	3,030	67	22.1	11.0
1982	36,650	350	9.5	3,065	61	19.9	10.2
1983	36,424	349	9.6	2,971	50	16.8	10.1
1984	36,025	322	8.9	2,916	59	20.2	9.8
1985	35,551	308	8.7	2,890	44	15.2	9.1
1986	35,142	283	8.1	3,032	48	15.8	8.6
1987	34,371	279	8.1	3,068	65	21.2	9.2
1988	34,541	234	6.8	3,176	58	18.3	7.9
1989	34,387	278	8.1	3,235	52	16.1	8.8
1990	34,605	261	7.5	3,328	59	17.7	8.4
1991	33,404	269	8.1	3,154	63	20.0	9.0
1992	33,472	252	7.5	3,310	72	21.8	8.8

*Rate per 1,000 live births
Residence data

TABLE 24
INFANT DEATHS BY COUNTY OF RESIDENCE
KANSAS, 1988–1992

County of Residence	Year					Total Infant Deaths 1988–1992	Infant Death Rate* 1988–1992
	1988	1989	1990	1991	1992		
Kansas	304	339	325	337	332	1,637	8.5
Allen	3	2	2	1	1	9	9.5
Anderson	–	2	–	2	1	5	10.2
Atchison	6	2	1	4	–	13	11.3
Barber	–	–	–	–	–	–	–
Barton	5	3	4	2	6	20	9.2
Bourbon	2	1	5	–	4	12	11.0
Brown	–	2	–	2	1	5	6.3
Butler	7	3	9	10	6	35	9.9
Chase	–	–	–	–	–	–	–
Chautauqua	1	2	1	1	1	6	27.8
Cherokee	1	3	2	4	2	12	8.5
Cheyenne	–	–	2	–	–	2	11.6
Clark	–	–	–	–	–	–	–
Clay	1	–	1	1	–	3	5.5
Cloud	3	–	1	–	2	6	10.1
Coffey	–	–	–	–	–	–	–
Comanche	–	–	–	–	–	–	–
Cowley	10	1	3	2	6	22	8.6
Crawford	2	5	–	5	3	15	6.8
Decatur	–	–	–	–	–	–	–
Dickinson	1	–	5	–	3	9	7.0
Doniphan	–	–	1	–	–	1	2.0
Douglas	11	6	5	5	10	37	6.9
Edwards	–	–	–	2	–	2	9.7
Elk	–	–	–	–	–	–	–
Ellis	2	3	2	2	3	12	7.4
Ellsworth	–	–	1	2	–	3	9.1
Finney	7	6	5	6	3	27	6.9
Ford	6	2	3	12	4	27	9.8
Franklin	2	3	5	1	4	15	8.9
Geary	8	6	9	5	11	39	8.8
Gove	–	–	–	–	–	–	–
Graham	–	–	–	1	–	1	5.2
Grant	1	1	–	2	–	4	6.3
Gray	–	–	–	–	1	1	2.6
Greeley	–	–	–	–	–	–	–
Greenwood	–	–	1	2	–	3	7.3
Hamilton	1	–	–	2	–	3	18.0
Harper	2	2	1	1	–	6	13.9
Harvey	4	2	6	4	5	21	10.2
Haskell	–	–	–	4	1	5	13.7
Hodgeman	–	–	–	–	1	1	6.3
Jackson	1	3	–	1	3	8	10.1
Jefferson	1	2	1	–	2	6	6.1
Jewell	2	1	1	1	–	5	24.8
Johnson	27	41	30	27	38	163	5.8
Kearny	–	1	–	–	2	3	8.1
Kingman	–	–	–	2	2	4	7.8
Kiowa	–	2	–	–	1	3	12.6
Labette	–	2	4	–	1	7	4.2
Lane	–	–	–	–	–	–	–
Leavenworth	8	6	10	5	7	36	8.4
Lincoln	–	–	–	–	–	–	–
Linn	1	–	–	2	2	5	10.1
Logan	1	–	–	–	–	1	5.3

TABLE 24
INFANT DEATHS BY COUNTY OF RESIDENCE
KANSAS, 1988–1992

County of Residence	Year					Total Infant Deaths 1988–1992	Infant Death Rate* 1988–1992
	1988	1989	1990	1991	1992		
Lyon	3	2	4	4	1	14	5.3
Marion	–	–	1	–	2	3	4.1
Marshall	–	2	1	1	–	4	5.7
McPherson	3	4	2	5	5	19	10.3
Meade	–	–	–	–	–	–	–
Miami	2	3	2	3	3	13	7.9
Mitchell	–	–	–	1	–	1	2.3
Montgomery	3	6	6	4	6	25	9.8
Morris	–	–	1	–	–	1	2.5
Morton	1	1	–	–	–	2	9.2
Nemaha	–	3	–	1	–	4	5.6
Neosho	1	4	2	2	1	10	9.0
Ness	–	–	–	1	1	2	9.9
Norton	1	–	1	1	1	4	13.3
Osage	3	1	–	2	1	7	7.0
Osborne	–	–	–	1	–	1	3.6
Ottawa	–	–	1	1	–	2	6.5
Pawnee	1	–	–	3	1	5	12.2
Phillips	–	–	–	–	–	–	–
Pottawatomie	1	1	–	–	–	2	1.6
Pratt	–	2	–	2	2	6	10.2
Rawlins	–	1	–	1	–	2	10.0
Reno	7	11	6	5	6	35	8.7
Republic	–	–	–	–	–	–	–
Rice	1	–	3	3	4	11	16.1
Riley	12	7	7	8	6	40	9.2
Rooks	–	–	–	–	–	–	–
Rush	–	–	–	–	–	–	–
Russell	–	–	–	–	–	–	–
Saline	8	6	5	2	10	31	8.3
Scott	–	3	–	–	2	5	13.2
Sedgwick	82	82	88	88	77	397	10.6
Seward	1	5	3	5	4	18	9.2
Shawnee	18	23	25	28	13	107	8.9
Sheridan	–	–	–	1	1	2	10.9
Sherman	–	–	2	–	–	2	4.0
Smith	–	1	–	2	1	4	16.3
Stafford	1	–	2	–	–	3	9.4
Stanton	–	1	–	–	–	1	4.7
Stevens	1	–	–	–	–	1	2.6
Sumner	4	6	–	3	2	15	8.3
Thomas	–	–	–	1	–	1	1.6
Trego	–	–	–	–	1	1	5.7
Wabaunsee	1	3	2	1	1	8	20.3
Wallace	–	–	1	–	–	1	7.4
Washington	–	1	–	–	1	2	5.4
Wichita	–	–	–	–	–	–	–
Wilson	1	1	2	1	3	8	13.0
Woodson	–	–	–	–	–	–	–
Wyandotte	41	44	37	33	39	194	12.9

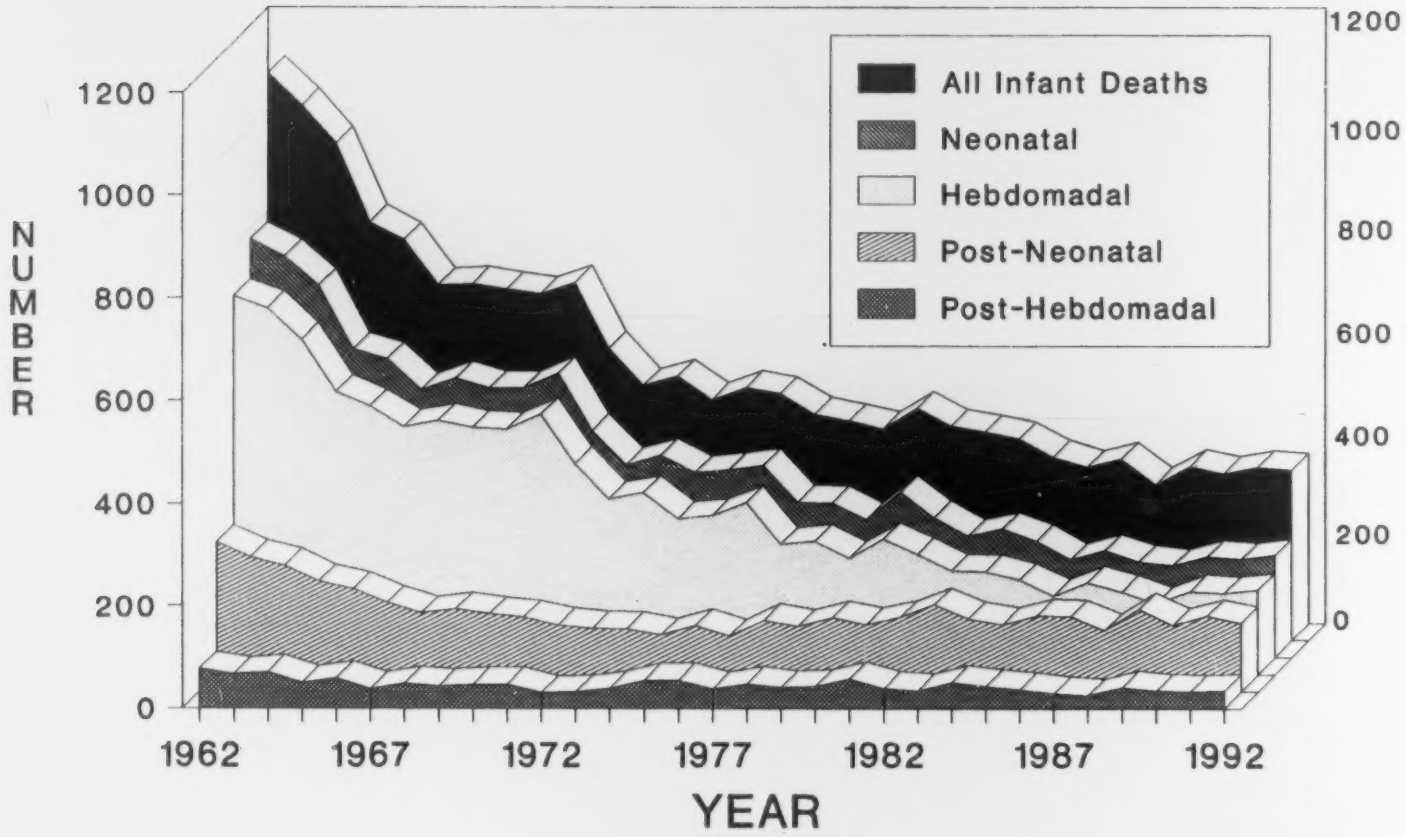
*Rate per 1,000 live births

TABLE 25
INFANT DEATHS BY CAUSE OF DEATH AND AGE-GROUP OF INFANT
KANSAS, 1992

Cause of Death (ICD Code)	Age-Group of Infant						
	Under 1 Day	1-6 Days	Under 7 Days a/	7-27 Days	Under 28 Days b/	28-364 Days	Under 1 Year
All Causes	122	43	165	34	199	133	332
Infectious and Parasitic Diseases (001-139)	-	-	-	1	1	6	7
Other Diseases and Disorders (140-739)	3	5	8	3	11	27	38
Congenital Anomalies (740-759)	30	14	44	14	58	19	77
Certain Conditions Originating in the Perinatal Period (760-779)	89	22	111	15	126	11	137
-Maternal Conditions of Pregnancy and Childbirth (760-761,763-764)	19	2	21	1	22	-	22
-Complications of Placenta, Cord and Membranes (762)	15	3	18	-	18	-	18
-Immaturity (765)	31	1	32	-	32	1	33
-Birth Trauma (767)	-	1	1	1	2	-	2
-Hypoxia and Birth Asphyxia (768)	2	-	2	1	3	-	3
-Respiratory Distress Syndrome and Other Respiratory Conditions (769-770)	18	10	28	3	31	7	38
-Infections Specific to the Perinatal Period (771)	1	1	2	3	5	2	7
-Fetal and Neonatal Hemorrhage (772)	1	2	3	1	4	-	4
-Other (773-779)	2	2	4	5	9	1	10
Symptoms and Ill-defined Conditions (780-799)	-	1	1	1	2	55	57
-Sudden Infant Death Syndrome (798)	-	1	1	1	2	53	55
-Other (780-797, 799)	-	-	-	-	-	2	2
External Causes of Injury and Poisoning (E800-E999)	-	1	1	-	1	15	16

a/Hebdomadal Deaths
b/Neonatal Deaths
Residence data

INFANT DEATHS BY COMPONENT
KANSAS, SELECTED YEARS, 1962-1992



RESIDENCE DATA

Figure 24

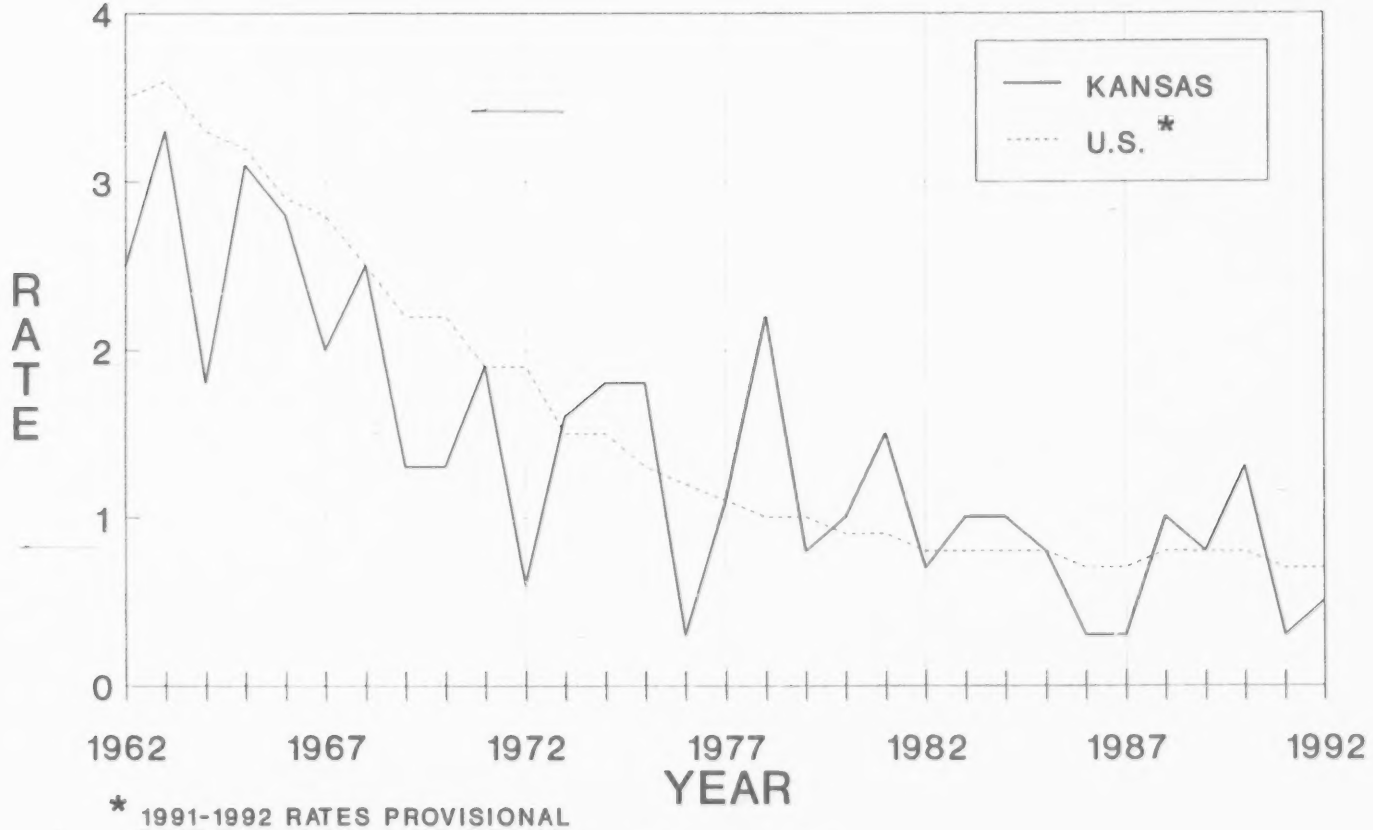
TABLE 26
INFANT DEATHS BY COMPONENT
BY COUNTY OF RESIDENCE
KANSAS, 1992

County of Residence	Hebdomadal Deaths Under 7 Days	Post-Hebdomadal Deaths 7-27 Days	Neonatal Deaths Under 28 Days	Post-Neonatal Deaths 28-364 Days	Total Infant Deaths Under 1 Year
Kansas	165	34	199	133	332
Allen	1	-	1	-	1
Anderson	-	-	-	1	1
Atchison	-	-	-	-	-
Barber	-	-	-	-	-
Barton	4	-	4	2	6
Bourbon	1	-	1	3	4
Brown	1	-	1	-	1
Butler	4	1	5	1	6
Chase	-	-	-	-	-
Chautauqua	-	-	-	1	1
Cherokee	2	-	2	-	2
Cheyenne	-	-	-	-	-
Clark	-	-	-	-	-
Clay	-	-	-	-	-
Cloud	-	-	-	2	2
Coffey	-	-	-	-	-
Comanche	-	-	-	-	-
Cowley	2	1	3	3	6
Crawford	2	1	3	-	3
Decatur	-	-	-	-	-
Dickinson	1	-	1	2	3
Doniphan	-	-	-	-	-
Douglas	5	1	6	4	10
Edwards	-	-		-	-
Elk	-	-	-	-	-
Ellis	-	-	-	3	3
Ellsworth	-	-	-	-	-
Finney	3	-	3	-	3
Ford	1	1	2	2	4
Franklin	2	-	2	2	4
Geary	6	1	7	4	11
Gove	-	-	-	-	-
Graham	-	-	-	-	-
Grant	-	-	-	-	-
Gray	-	-	-	1	1
Greeley	-	-	-	-	-
Greenwood	-	-	-	-	-
Hamilton	-	-	-	-	-
Harper	-	-	-	-	-
Harvey	3	-	3	2	5
Haskell	1	-	1	-	1
Hodgeman	-	-	-	1	1
Jackson	1	-	1	2	3
Jefferson	2	-	2	-	2
Jewell	-	-	-	-	-
Johnson	18	6	24	14	38
Kearny	1	-	1	1	2
Kingman	1	1	2	-	2
Kiowa	1	-	1	-	1
Labette	-	-	-	1	1
Lane	-	-	-	-	-
Leavenworth	3	-	3	4	7
Lincoln	-	-	-	-	-
Linn	1	-	1	1	2
Logan	-	-	-	-	-

TABLE 26
INFANT DEATHS BY COMPONENT
BY COUNTY OF RESIDENCE
KANSAS, 1992

County of Residence	Hebdomadal Deaths Under 7 Days	Post-Hebdomadal Deaths 7-27 Days	Neonatal Deaths Under 28 Days	Post-Neonatal Deaths 28-364 Days	Total Infant Deaths Under 1 Year
Lyon	–	–	–	1	1
Marion	1	–	1	1	2
Marshall	–	–	–	–	–
McPherson	3	1	4	1	5
Meade	–	–	–	–	–
Miami	2	1	3	–	3
Mitchell	–	–	–	–	–
Montgomery	4	–	4	2	6
Morris	–	–	–	–	–
Morton	–	–	–	–	–
Nemaha	–	–	–	–	–
Neosho	1	–	1	–	1
Ness	1	–	1	–	1
Norton	–	–	–	1	1
Osage	–	1	1	–	1
Osborne	–	–	–	–	–
Ottawa	–	–	–	–	–
Pawnee	–	–	–	1	1
Phillips	–	–	–	–	–
Pottawatomie	–	–	–	–	–
Pratt	1	–	1	1	2
Rawlins	–	–	–	–	–
Reno	3	–	3	3	6
Republic	–	–	–	–	–
Rice	4	–	4	–	4
Riley	5	–	5	1	6
Rooks	–	–	–	–	–
Rush	–	–	–	–	–
Russell	–	–	–	–	–
Saline	5	1	6	4	10
Scott	2	–	2	–	2
Sedgwick	38	11	49	28	77
Seward	1	–	1	3	4
Shawnee	7	–	7	6	13
Sheridan	–	–	–	1	1
Sherman	–	–	–	–	–
Smith	–	–	–	1	1
Stafford	–	–	–	–	–
Stanton	–	–	–	–	–
Stevens	–	–	–	–	–
Sumner	1	1	2	–	2
Thomas	–	–	–	–	–
Trego	–	–	–	1	1
Wabaunsee	1	–	1	–	1
Wallace	–	–	–	–	–
Washington	–	1	1	–	1
Wichita	–	–	–	–	–
Wilson	1	1	2	1	3
Woodson	–	–	–	–	–
Wyandotte	17	3	20	19	39

MATERNAL MORTALITY RATES
KANSAS AND THE U.S., 1962-1992



* 1991-1992 RATES PROVISIONAL
RATE PER 10,000 LIVE BIRTHS
RESIDENCE DATA

Figure 25

Deaths

DEATH HIGHLIGHTS

- There were 22,052 resident deaths recorded in Kansas during 1992, a decrease of 1.4 percent from the 1991 total of 22,363. (Table 27)

- Republic, Elk and Lincoln counties had the highest five-year (1988-1992) county death rates of 18,0, 17.6 and 17.3 deaths per 1,000 population respectively. Riley, Douglas and Johnson counties had the lowest five-year death rates of 4.1, 5.1 and 5.2 deaths per 1,000 population respectively (Table 27, Figure 26)

- Belleville, Garnett, Eureka and Norton had the highest five-year city death rates (1988-1992) of 24.4, 19.7, 18.9 and 18.9 respectively. Lansing, Lenexa, Lawrence and Derby experienced the lowest five-year city death rates of 3.9, 4.1, 4.7 and 4.8 respectively. (Table 28)

- The Kansas death rate in 1992 was 8.7 deaths per 1,000 population, which was 2.4 percent higher than the estimated U.S. rate of 8.5 deaths per 1,000 population. (Figure 27)

- The Kansas age-adjusted death rate was below that of the U.S. between 1982 and 1992. The 1992 Kansas rate of 4.7 deaths per 1,000 standard population is 6.0 percent lower than the estimated age-adjusted death rate of 5.0 for the U.S. (Table 30, Figure 28)

- The Kansas age-adjusted death rate for men declined 13.4 percent from 1982-1992 as compared to a 7.3 percent decline for women during this same time period. In comparison, the U.S. rate from 1982-1992 declined 12.3 percent for men and 7.3 percent for women. (Table 30)

- The average age at death of Kansas residents in 1992 was 73.1 years, a 2.7 percent increase from the average age at death of 71.2 years in 1982. (Figure 29, Table 31)

- The average age at death for the white population in 1992 was 73.9 years, more than thirteen years older than that of the black population, whose average age at death was 60.7 years. (Table 32)

- The two leading causes of death in Kansas in 1992, heart disease and malignant neoplasms, had average ages at death of 78.6 and 70.7 years respectively. Atherosclerosis, with an average age at death of 85.9 years, had the highest average age at death of any of the leading causes of death. (Tables 34 and 35)

- The average age at death for male unintentional injury victims for 1982 and 1992 was 39.6 and 43.8 respectively; while for females the average age was 50.6 and 53.8 years respectively. For this time period, the average age at death increased for female unintentional injury victims 6.3 percent while for male unintentional injury victims it increased 10.6 percent. (Table 35)

DEATH HIGHLIGHTS (Cont.)

- The cause-specific death rate for suicides in Kansas was 12.3 deaths per 100,000 population in 1992. The rate for males (19.4) was more than 3 times higher than the rate for females (5.5). (Table 35)

- The cancer death rate for 1992 was 198.4 deaths per 100,000 population, 8.2 percent higher than the rate of 183.3 in 1982. (Tables 35 and 36)

- In 1992, the unintentional injury death rate was 33.9 deaths per 100,000 population, 20.4 percent lower than the rate of 42.6 in 1982. (Tables 35 and 36)

- The Kansas homicide and legal intervention death rate was 6.2 deaths per 100,000 population in 1992, 38.6 percent lower than the U.S. rate of 10.1 in 1992. (Table 36)

- Heart disease, the number one cause of death in Kansas, reached a high of 393.4 deaths per 100,000 population in 1973 and gradually declined to 291.9 deaths per 100,000 population in 1992. Conversely, cancer rates have steadily increased from 137.8 to 198.4 deaths per 100,000 population in 1952 and 1992 respectively. (Figure 30)

- In 1992, Kansans died from cerebrovascular disease at half the rate of forty years ago with the death rates for this disease going from 129.6 to 64.2 in 1952 and 1992 respectively. The death rate for unintentional injury declined even more than this, going from 69.4 in 1952 to 33.9 in 1992, a 51.2 percent decrease. (Figure 30)

- In 1982, cancer of the digestive organs, breast, and respiratory organs were the first, second, and third leading causes of cancer deaths in women. In 1992, cancer of the respiratory organs had replaced breast cancer as the second leading cause of cancer deaths in women with breast cancer falling to third. (Table 38)

- Cerebrovascular disease claimed 8.9 and 7.3 percent of the deaths occurring to Kansas residents in 1982 and 1992 respectively; an 18.0 percent decrease in deaths due to this disease. (Table 39)

- The dominant occupations for deaths due to unintentional injuries, suicides, homicides and legal intervention were operators, fabricators and laborers. (Table 42)

- Mortality in Kansas was responsible for 186,190 years of potential life lost in 1992. Cancer is the second leading cause of death in Kansas, but claimed the most years of potential life lost (42,370). Unintentional injuries caused more than two times the amount of years of potential life lost in men (17,494 years) than in women (8,486 years). (Table 44, Figure 32)

DEATH RATES BY COUNTY OF RESIDENCE

KANSAS, 1992

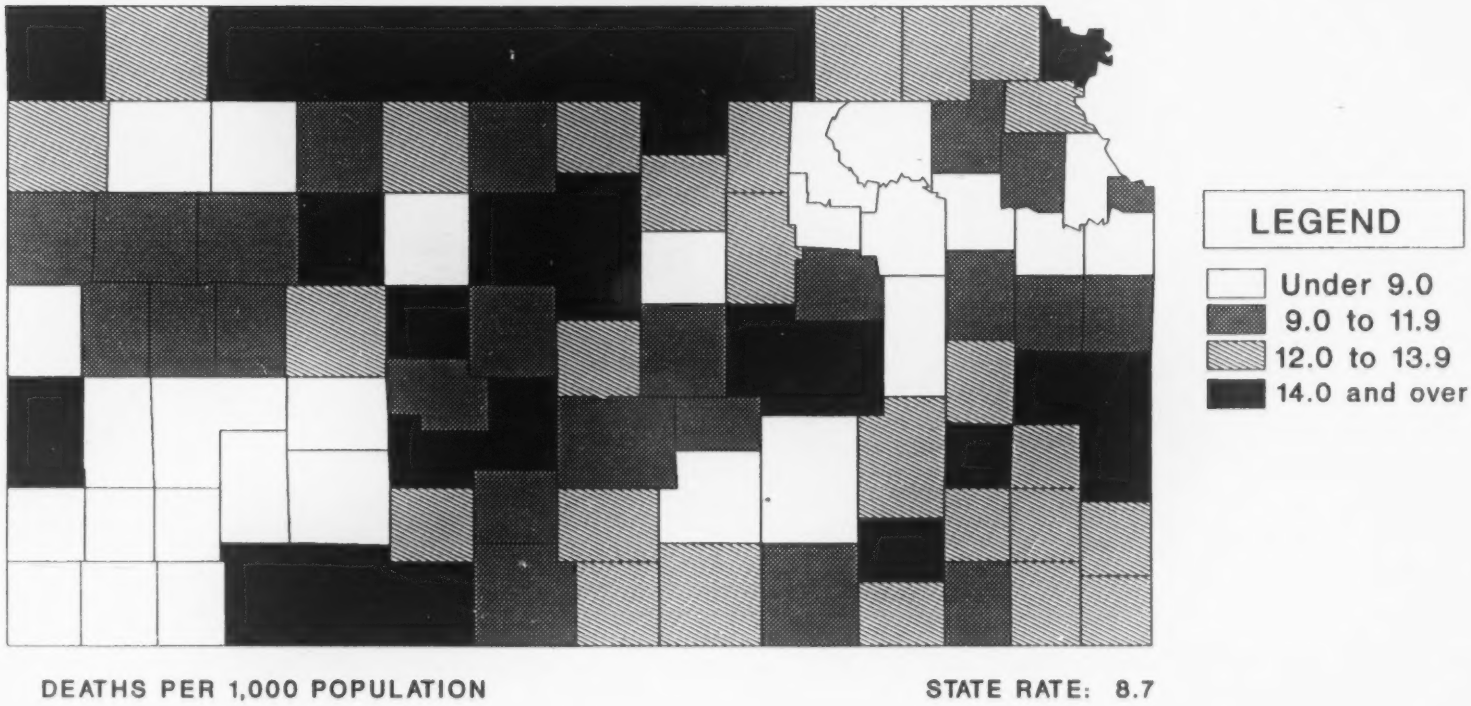


Figure 26

TABLE 27
DEATHS BY NUMBER AND RATE*
BY COUNTY OF RESIDENCE
KANSAS, 1988–1992

County of Residence	Year										5-Year Rate
	1988		1989		1990		1991		1992		
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	
Kansas	22,889	9.2	22,082	8.8	22,173	8.9	22,363	9.0	22,052	8.7	8.9
Allen	217	14.5	174	11.8	170	11.6	179	12.3	176	12.3	12.5
Anderson	118	14.4	138	17.0	95	12.2	89	11.4	117	15.2	14.0
Atchison	216	12.1	193	10.8	189	11.2	177	10.5	211	12.7	11.5
Barber	88	14.0	78	12.6	74	12.6	88	15.2	66	11.4	13.2
Barton	318	10.5	319	10.7	322	11.0	265	9.0	275	9.4	10.1
Bourbon	233	15.3	207	13.7	204	13.6	205	13.8	218	14.7	14.2
Brown	175	15.4	162	14.2	173	15.5	142	12.8	132	12.0	14.0
Butler	432	8.6	411	8.1	431	8.5	432	8.4	423	8.1	8.3
Chase	41	13.2	42	13.5	31	10.3	40	13.8	45	15.3	13.2
Chautauqua	73	16.2	64	14.5	63	14.3	54	12.6	53	12.4	14.0
Cherokee	301	13.6	274	12.4	256	12.0	328	15.3	287	13.5	13.4
Cheyenne	50	14.7	50	14.7	39	12.0	71	21.5	48	15.2	15.6
Clark	37	14.8	33	13.2	50	20.7	40	16.7	37	15.6	16.2
Clay	126	13.8	127	14.1	102	11.1	120	13.2	119	13.3	13.1
Cloud	167	14.6	180	15.9	179	16.2	188	17.2	184	17.0	16.2
Coffey	120	13.6	105	12.2	107	12.7	100	11.8	105	12.7	12.6
Comanche	36	15.0	32	13.3	42	18.2	33	15.0	37	16.4	15.6
Cowley	444	11.9	398	10.7	377	10.2	424	11.6	406	10.9	11.1
Crawford	524	14.1	458	12.4	504	14.2	483	13.6	437	12.4	13.3
Decatur	62	15.1	69	17.3	68	16.9	58	14.9	64	16.4	16.1
Dickinson	251	12.5	232	11.5	273	14.4	231	12.3	253	13.5	12.8
Doniphan	119	13.2	104	11.6	105	12.9	89	11.0	114	14.3	12.6
Douglas	393	5.1	414	5.3	419	5.1	437	5.2	428	5.0	5.1
Edwards	60	15.4	56	14.4	45	11.9	47	12.7	59	16.0	14.1
Elk	54	15.4	66	18.9	73	21.9	55	17.2	47	14.4	17.6
Ellis	199	7.5	203	7.7	195	7.5	194	7.5	193	7.4	7.5
Ellsworth	88	14.2	84	13.5	83	12.6	96	14.8	93	14.1	13.8
Finney	171	5.5	163	5.2	169	5.1	210	6.3	168	4.5	5.3
Ford	238	9.2	252	9.7	237	8.6	241	8.7	237	8.3	8.9
Franklin	228	10.1	226	10.0	219	10.0	226	10.2	225	10.2	10.1
Geary	201	6.9	209	7.2	207	6.8	186	6.4	201	6.5	6.8
Gove	34	10.0	37	10.9	29	9.0	29	8.8	29	9.2	9.6
Graham	54	15.0	51	14.6	48	13.5	32	9.1	36	10.4	12.5
Grant	36	5.2	42	6.1	45	6.3	46	6.2	45	6.3	6.0
Gray	42	7.6	42	7.6	52	9.6	39	7.2	40	7.4	7.9
Greeley	23	13.5	19	11.2	14	7.9	19	10.6	10	5.7	9.8
Greenwood	150	19.0	121	15.5	127	16.2	113	14.3	93	12.1	15.4
Hamilton	30	13.0	33	14.3	36	15.1	26	11.3	33	14.0	13.5
Harper	107	14.7	107	14.9	119	16.7	90	12.9	92	13.1	14.5
Harvey	338	11.0	322	10.5	319	10.3	297	9.5	309	9.9	10.2
Haskell	23	5.9	28	7.2	25	6.4	25	6.4	26	6.7	6.5
Hodgeman	14	6.4	23	10.5	21	9.6	26	11.8	18	8.3	9.3
Jackson	120	10.2	102	8.6	122	10.6	124	10.8	115	10.0	10.0
Jefferson	159	9.4	170	9.9	151	9.5	165	10.3	154	9.5	9.7
Jewell	59	13.4	58	13.5	63	14.8	63	15.4	62	15.1	14.4
Johnson	1,797	5.2	1,805	5.0	1,894	5.3	1,985	5.4	2,032	5.3	5.2
Kearny	19	4.8	22	5.5	37	9.2	27	6.8	30	7.2	6.7
Kingman	95	10.8	105	11.9	94	11.3	99	11.9	110	13.4	11.9
Kiowa	37	10.3	39	11.1	44	12.0	48	13.3	45	12.5	11.8
Labette	297	11.8	291	11.6	296	12.5	268	11.3	305	12.9	12.0
Lane	30	12.5	29	12.1	22	9.3	32	13.9	27	11.6	11.9
Leavenworth	414	6.2	454	6.6	481	7.5	501	7.5	429	6.4	6.8
Lincoln	53	15.1	57	16.8	59	16.2	54	15.4	82	23.0	17.3
Linn	151	18.2	126	15.2	105	12.7	123	14.6	121	14.5	15.0
Logan	36	11.6	40	12.9	40	13.0	40	12.9	31	10.2	12.1

TABLE 27
DEATHS BY NUMBER AND RATE*
BY COUNTY OF RESIDENCE
KANSAS, 1988–1992

County of Residence	Year										5–Year Rate
	1988		1989		1990		1991		1992		
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	
Lyon	267	7.7	270	7.9	288	8.3	285	8.2	267	7.6	7.9
Marion	197	15.4	177	13.9	183	14.2	185	14.5	180	14.1	14.4
Marshall	175	14.2	171	14.0	137	11.7	171	14.9	151	13.2	13.6
McPherson	261	9.6	292	10.8	299	11.0	268	9.9	307	11.2	10.5
Meade	62	14.1	51	11.9	48	11.3	53	12.3	59	14.1	12.7
Miami	241	10.1	255	10.5	218	9.3	230	9.7	223	9.3	9.8
Mitchell	110	14.9	103	14.1	87	12.1	86	11.9	86	12.2	13.0
Montgomery	513	12.5	458	11.3	467	12.0	451	11.6	456	11.9	11.9
Morris	80	12.3	76	11.7	66	10.6	79	12.5	68	11.0	11.6
Morton	38	10.9	31	8.9	21	6.0	26	7.6	22	6.4	8.0
Nemaha	158	14.6	141	13.1	129	12.3	138	13.1	144	13.9	13.4
Neosho	252	13.9	214	12.0	204	12.0	203	11.8	232	13.8	12.7
Ness	58	13.8	54	13.2	54	13.4	44	11.0	53	13.5	13.0
Norton	92	14.8	83	13.6	86	14.5	76	13.1	89	15.3	14.3
Osage	165	10.2	152	9.4	187	12.3	191	12.3	162	10.6	11.0
Osborne	104	20.0	76	14.9	66	13.6	75	15.0	55	11.7	15.0
Ottawa	96	16.6	78	13.4	73	13.0	82	14.6	69	12.4	14.0
Pawnee	117	15.6	85	11.5	86	11.4	73	9.6	82	11.1	11.8
Phillips	105	15.2	83	12.0	102	15.5	97	14.9	94	14.4	14.4
Pottawatomie	161	9.9	150	9.1	151	9.4	141	8.5	139	8.4	9.1
Pratt	113	11.1	108	10.7	104	10.7	124	12.9	102	10.7	11.2
Rawlins	48	13.0	52	14.1	35	10.3	43	12.6	40	12.0	12.4
Reno	649	10.0	615	9.5	647	10.4	641	10.3	592	9.6	10.0
Republic	116	16.8	129	19.0	117	18.0	108	16.9	123	19.3	18.0
Rice	138	12.7	143	13.2	125	11.8	145	13.9	136	13.0	12.9
Riley	292	4.7	260	4.2	256	3.8	270	4.2	250	3.7	4.1
Rooks	101	16.3	80	13.1	77	12.8	70	11.5	73	12.4	13.2
Rush	60	15.8	71	19.2	56	14.6	50	13.2	54	14.4	15.4
Russell	110	13.9	99	12.9	103	13.1	113	14.5	108	14.1	13.7
Saline	469	9.4	461	9.2	445	9.0	456	9.1	420	8.5	9.0
Scott	57	10.6	50	9.4	55	10.4	55	10.4	48	9.2	10.0
Sedgwick	3,024	7.5	3,060	7.5	3,071	7.6	3,149	7.7	3,165	7.7	7.6
Seward	139	7.5	114	6.1	127	6.8	129	6.9	119	6.2	6.7
Shawnee	1,426	8.7	1,412	8.5	1,411	8.8	1,485	9.1	1,414	8.7	8.8
Sheridan	27	8.4	40	12.5	29	9.5	38	12.7	17	5.7	9.8
Sherman	85	12.5	65	9.7	66	9.5	70	10.3	84	12.4	10.9
Smith	93	17.5	81	15.3	85	16.7	73	15.2	79	15.9	16.1
Stafford	85	16.0	66	12.7	93	17.3	76	14.6	75	14.1	14.9
Stanton	25	10.4	19	7.9	21	9.0	27	11.3	14	5.9	8.9
Stevens	39	8.0	40	8.2	45	8.9	28	5.5	34	6.6	7.4
Sumner	325	12.7	273	10.6	332	12.8	283	10.9	324	12.4	11.9
Thomas	71	8.5	77	9.3	64	7.8	80	9.6	73	8.8	8.8
Trego	48	12.3	32	8.4	49	13.3	67	18.5	52	14.5	13.4
Wabaunsee	76	11.3	84	12.5	70	10.6	62	9.5	58	8.8	10.5
Wallace	14	7.0	32	16.0	15	8.2	13	7.2	17	9.4	9.6
Washington	104	13.9	104	14.1	106	15.0	111	15.9	109	15.8	14.9
Wichita	16	5.5	21	7.2	25	9.1	27	10.0	30	11.0	8.6
Wilson	157	14.0	136	12.3	166	16.1	136	13.5	133	13.2	13.8
Woodson	71	17.8	76	19.5	66	16.0	60	15.0	72	17.9	17.2
Wyandotte	1,761	10.2	1,636	9.5	1,616	10.0	1,621	10.1	1,569	9.7	9.9

*Rate per 1,000 population

TABLE 28
DEATHS BY NUMBER AND RATE*
BY CITY OF RESIDENCE
KANSAS, 1988–1992

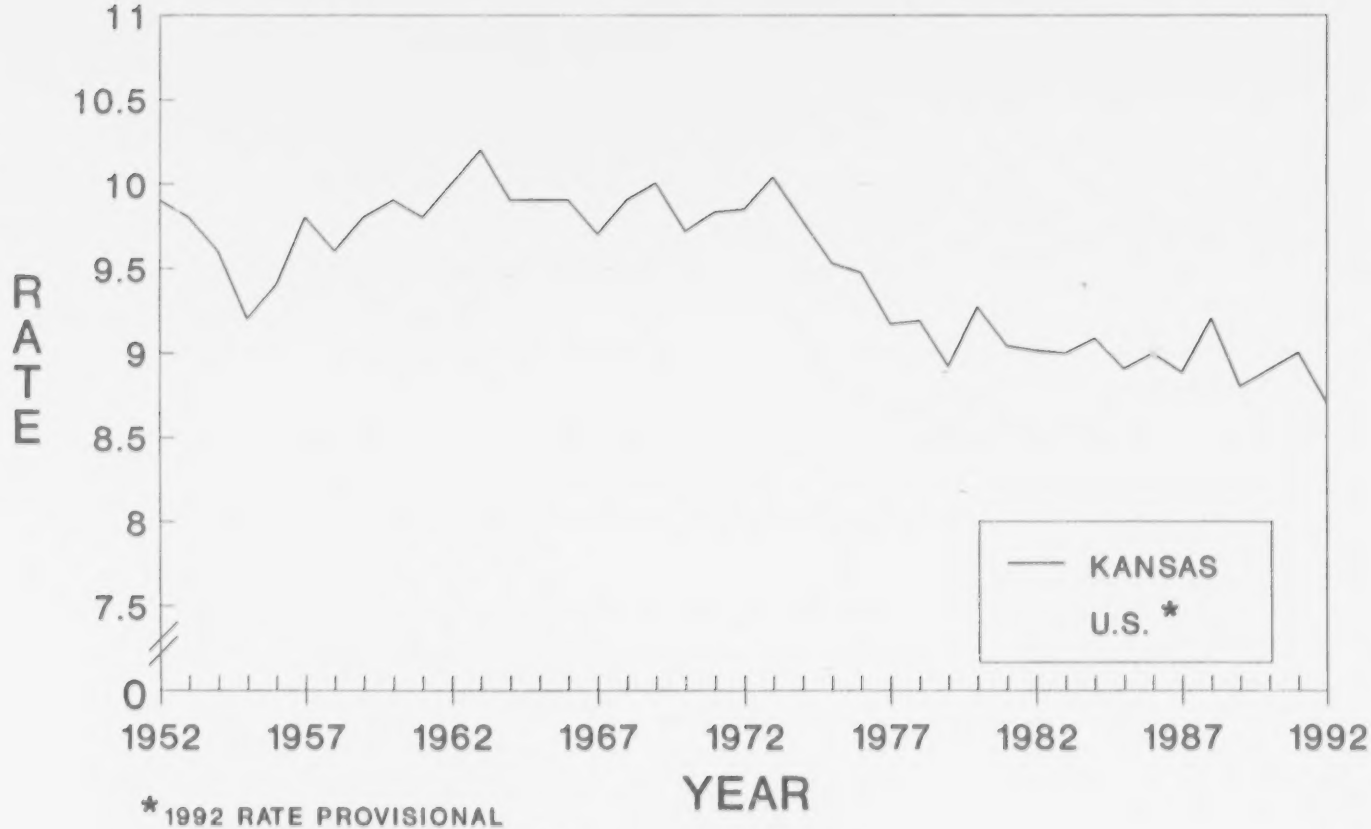
City of Residence	Year										5-Year
	1988		1989		1990		1991		1992		
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Rate
Abilene	106	16.3	98	15.1	113	18.1	89	14.4	102	16.5	16.1
Andover	19	4.3	17	3.8	16	4.0	33	8.0	22	5.2	5.1
Anthony	52	20.8	50	20.0	44	17.5	43	17.2	35	14.0	17.9
Arkansas City	176	13.4	164	12.5	165	12.9	190	15.1	176	13.8	13.5
Atchison	164	14.6	138	12.3	139	13.0	135	12.7	152	14.5	13.4
Augusta	80	10.8	81	10.8	112	14.2	81	10.0	89	11.0	11.4
Baldwin City	37	12.8	22	7.3	22	7.4	25	8.3	25	8.1	8.8
Baxter Springs	72	16.4	58	13.2	65	14.9	74	16.8	51	11.9	14.6
Belleville	60	24.0	55	22.0	64	25.4	51	20.4	75	30.0	24.4
Beloit	64	16.8	74	20.0	53	13.0	58	14.1	48	12.0	15.2
Bonner Springs	54	7.8	65	9.4	76	11.9	65	10.3	63	9.8	9.8
Burlington	44	15.7	36	13.3	43	15.7	30	10.7	42	15.6	14.2
Chanute	151	15.9	142	15.1	131	13.8	124	12.9	148	15.7	14.7
Cherryvale	32	12.3	25	9.6	29	11.8	29	11.6	33	13.8	11.8
Clay Center	77	17.1	79	17.6	72	15.6	80	17.4	79	17.6	17.1
Coffeyville	211	15.3	172	12.6	200	15.5	186	14.4	186	14.6	14.5
Colby	39	7.1	54	10.0	47	8.7	62	11.5	46	8.5	9.2
Columbus	54	15.9	67	19.7	58	17.7	68	20.6	60	18.2	18.4
Concordia	96	15.2	107	17.3	106	17.2	106	17.4	104	17.0	16.8
Derby	62	4.4	60	4.2	77	5.2	69	4.6	85	5.6	4.8
Dodge City	162	8.4	174	9.0	173	8.2	165	7.7	166	7.6	8.2
Edwardsville	34	9.7	42	12.0	38	9.6	20	5.1	40	10.0	9.3
El Dorado	149	13.7	142	12.8	148	12.9	150	12.7	137	11.6	12.7
Ellinwood	25	10.9	29	12.6	34	14.6	25	10.9	22	9.6	11.7
Emporia	190	7.8	199	8.3	212	8.3	217	8.5	208	8.1	8.2
Eudora	31	8.6	25	6.8	29	9.6	30	9.7	24	7.7	8.5
Eureka	71	23.7	57	19.0	49	16.5	60	20.0	44	15.2	18.9
Fairway	34	7.2	35	7.1	38	9.1	34	7.9	28	6.2	7.5
Fort Scott	155	19.4	134	17.0	139	16.6	138	16.6	151	18.2	17.6
Fredonia	46	17.7	44	16.9	61	23.5	41	15.8	40	16.0	18.0
Frontenac	46	18.4	33	13.2	40	15.5	40	15.4	38	14.6	15.4
Galena	62	18.2	57	16.8	38	11.5	67	20.3	62	18.8	17.1
Garden City	140	6.0	131	5.5	147	6.1	169	7.0	149	5.8	6.0
Garnett	62	20.7	81	27.0	57	17.8	44	13.8	61	19.1	19.7
Girard	48	16.6	43	14.8	63	22.5	43	15.4	45	16.1	17.1
Goodland	69	14.1	54	11.3	55	11.0	65	13.3	62	12.7	12.5
Great Bend	154	9.7	180	11.5	167	10.8	130	8.4	151	9.9	10.1
Hays	137	8.1	132	7.9	133	7.5	121	6.9	126	7.1	7.5
Haysville	38	4.3	49	5.4	42	5.0	51	6.0	43	5.0	5.1
Herington	41	14.1	38	13.1	47	17.5	55	20.4	41	15.2	16.1
Hesston	13	4.8	31	11.5	24	8.0	23	7.7	42	14.0	9.2
Hiawatha	61	16.9	55	15.3	76	21.1	50	13.9	50	13.9	16.2
Hillsboro	41	16.4	35	14.0	45	16.6	45	16.7	39	14.4	15.6
Hoisington	58	17.6	31	9.7	50	15.7	37	11.6	40	12.5	13.4
Holton	60	20.7	37	12.8	52	16.3	53	16.6	49	15.3	16.3
Hugoton	30	8.8	32	9.4	35	11.0	22	6.9	28	8.8	9.0
Hutchinson	441	10.8	391	9.5	464	11.8	443	11.2	408	10.5	10.8
Independence	144	13.8	154	15.0	117	11.8	127	12.8	133	13.6	13.4
Iola	113	17.7	88	14.0	91	14.3	95	15.1	93	15.0	15.2
Junction City	158	7.8	175	8.7	166	8.1	149	7.5	153	7.3	7.9
Kansas City	1,656	10.3	1,514	9.4	1,487	9.9	1,526	10.3	1,460	9.7	9.9

TABLE 28
DEATHS BY NUMBER AND RATE*
BY CITY OF RESIDENCE
KANSAS, 1988–1992

City of Residence	Year										5-Year Rate
	1988		1989		1990		1991		1992		
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	
Kingman	50	14.7	48	14.1	58	18.1	60	18.8	56	17.5	16.6
Lansing	16	1.9	43	5.1	25	3.5	40	5.4	25	3.4	3.9
Larned	93	21.1	68	15.8	61	13.6	53	11.8	66	15.0	15.5
Lawrence	270	4.5	302	5.0	303	4.8	321	4.8	314	4.6	4.7
Leavenworth	268	6.9	285	7.2	317	8.2	324	8.1	264	6.6	7.4
Leawood	93	4.9	95	4.9	131	6.7	112	5.5	114	5.4	5.5
Lenexa	132	3.8	129	3.6	152	4.5	150	4.3	164	4.5	4.1
Liberal	121	7.5	105	6.4	119	7.2	120	7.3	109	6.4	7.0
Lindsborg	41	12.4	50	15.2	49	15.9	36	11.6	50	16.1	14.2
Lyons	62	17.2	49	13.6	50	13.8	54	15.0	49	13.8	14.6
Manhattan	223	6.8	199	6.1	207	5.5	214	5.8	197	5.1	5.9
Marysville	64	17.8	73	20.3	48	14.3	55	16.7	68	20.6	17.9
McPherson	106	9.0	113	9.6	125	10.1	103	8.3	129	10.3	9.5
Medicine Lodge	40	16.7	31	12.9	29	11.8	29	12.1	29	12.1	13.1
Merriam	98	7.8	87	6.7	86	7.3	88	7.3	71	5.6	6.9
Mission	87	10.1	78	8.8	74	7.8	66	6.7	77	7.5	8.2
Mission Hills	18	4.3	19	4.4	16	4.6	24	6.9	17	4.6	5.0
Mulvane	35	7.4	26	5.5	40	8.6	47	9.8	42	8.8	8.0
Neodesha	58	18.7	44	14.2	57	20.1	50	17.9	42	15.0	17.2
Newton	217	13.2	208	12.7	204	12.2	179	10.7	187	11.1	12.0
Norton	57	19.0	60	20.0	54	17.9	47	16.2	62	21.4	18.9
Olathe	282	4.8	273	4.5	283	4.5	311	4.8	293	4.3	4.6
Osage City	33	12.2	44	16.3	49	18.2	46	17.0	38	14.1	15.6
Osawatomie	78	16.6	76	15.8	67	14.6	54	11.5	84	17.9	15.3
Ottawa	131	12.2	119	11.1	129	12.1	129	11.9	128	12.0	11.9
Overland Park	505	4.7	512	4.6	572	5.1	632	5.5	666	5.8	5.1
Paola	57	13.0	77	17.1	69	14.7	66	12.8	50	10.4	13.8
Parsons	163	12.9	158	12.5	174	14.6	170	14.3	183	15.4	13.9
Phillipsburg	50	17.2	40	13.8	48	17.0	51	18.2	38	13.6	16.0
Pittsburg	245	13.6	236	13.2	253	14.2	240	13.5	201	11.4	13.2
Plainville	31	14.8	30	14.3	33	15.2	21	9.5	29	13.8	13.5
Prairie Village	155	6.5	158	6.4	182	7.0	163	6.8	188	7.6	6.9
Pratt	83	12.0	78	11.5	79	11.8	95	14.4	77	11.7	12.3
Roeland Park	48	5.9	60	7.1	52	6.7	51	6.5	43	5.2	6.3
Russell	73	15.2	55	11.7	69	14.4	71	14.8	72	15.3	14.3
Salina	412	9.5	412	9.5	399	9.4	418	9.7	370	8.8	9.4
Scott City	47	12.7	47	13.1	49	12.9	47	12.4	41	11.1	12.4
Shawnee	172	5.3	175	5.3	174	4.6	204	5.2	181	4.4	5.0
Topeka	1,250	10.2	1,205	9.8	1,268	10.6	1,319	10.9	1,244	10.2	10.3
Ulysses	27	5.6	30	6.3	37	6.8	38	6.7	38	6.9	6.5
Valley Center	18	4.1	20	4.4	32	6.8	30	8.1	18	4.9	6.1
Wamego	48	12.6	42	11.1	43	11.6	35	9.2	32	8.4	10.6
Wellington	123	14.8	115	13.9	159	18.9	112	13.2	122	14.4	15.0
Wichita	2,640	8.9	2,714	9.1	2,681	8.8	2,753	8.9	2,773	8.9	8.9
Winfield	152	13.5	148	13.1	139	11.7	152	12.9	143	11.9	12.6

*Rate per 1,000 population

DEATH RATES
KANSAS AND THE U.S., 1952-1992



* 1992 RATE PROVISIONAL
RATE PER 1,000 POPULATION
RESIDENCE DATA

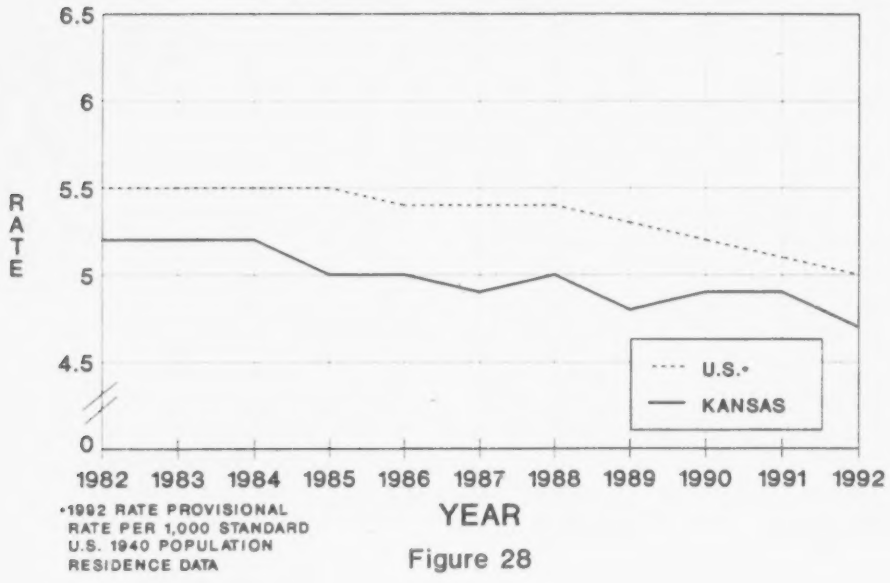
Figure 27

TABLE 29
AGE-SPECIFIC DEATH RATES* BY SEX
KANSAS, 1982-1992

Age-Group and Sex	Year										
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
Both Sexes											
Total	9.0	9.0	9.1	8.9	9.0	8.9	9.2	8.8	8.9	9.0	8.7
Under 5	2.7	2.5	2.4	2.3	2.2	2.3	2.0	2.2	2.1	2.2	2.1
5-14	0.2	0.3	0.3	0.3	0.3	0.2	0.3	0.2	0.2	0.3	0.2
15-24	0.9	0.9	0.9	0.9	0.9	1.0	0.9	0.9	0.9	1.0	0.9
25-34	1.1	1.0	1.0	1.0	1.0	1.1	0.9	1.0	1.0	1.2	1.0
35-44	1.8	1.6	1.7	1.5	1.6	1.6	1.7	1.4	1.5	1.6	1.7
45-54	4.6	4.5	4.3	4.3	4.2	4.0	4.0	4.0	3.9	4.0	3.9
55-64	11.3	11.4	11.2	11.1	10.9	10.4	10.7	10.8	10.6	10.7	10.1
65-74	26.3	26.9	26.4	25.7	25.8	24.5	25.7	23.7	24.1	24.2	23.4
75 and over	83.1	81.7	83.2	81.3	82.0	81.0	84.9	80.5	81.6	79.9	78.1
Male	9.6	9.7	9.6	9.3	9.3	9.2	9.4	8.8	9.2	9.2	8.8
Under 5	2.9	2.8	2.7	2.5	2.5	2.5	2.3	2.4	2.4	2.5	2.3
5-14	0.3	0.3	0.4	0.3	0.4	0.2	0.3	0.3	0.3	0.3	0.2
15-24	1.3	1.3	1.4	1.2	1.3	1.3	1.4	1.2	1.3	1.3	1.2
25-34	1.4	1.3	1.4	1.4	1.4	1.5	1.3	1.4	1.4	1.6	1.4
35-44	2.4	2.1	2.2	1.9	1.9	2.0	2.3	1.8	2.0	2.1	2.2
45-54	5.7	5.8	5.4	5.7	5.5	5.1	5.1	4.9	4.8	4.9	4.8
55-64	15.2	15.0	14.7	14.3	14.3	13.9	13.4	13.5	13.9	13.8	13.1
65-74	36.6	37.4	35.9	35.3	34.5	33.0	34.1	31.3	32.0	32.2	31.0
75 and over	102.6	104.5	103.6	98.3	99.3	97.9	102.8	95.3	98.0	95.9	91.1
Female	8.4	8.3	8.6	8.6	8.7	8.6	9.0	8.7	8.7	8.7	8.7
Under 5	2.6	2.2	2.2	2.1	1.9	1.9	1.7	1.9	1.7	1.8	2.0
5-14	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.1	0.2	0.2	0.2
15-24	0.4	0.5	0.5	0.6	0.5	0.6	0.5	0.5	0.4	0.6	0.5
25-34	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.7	0.6
35-44	1.3	1.1	1.3	1.2	1.2	1.1	1.1	1.1	0.9	1.1	1.1
45-54	3.5	3.3	3.2	2.9	2.8	3.1	3.0	3.0	3.0	3.2	2.9
55-64	7.8	8.1	8.0	8.2	7.9	7.3	8.2	8.3	7.5	7.7	7.3
65-74	18.2	18.7	18.9	18.0	18.8	17.7	18.9	17.4	17.8	17.8	17.3
75 and over	71.7	69.7	72.5	72.3	72.8	72.7	75.6	73.5	72.8	70.6	71.0

*Rate per 1,000 age-group population
Residence data

AGE-ADJUSTED DEATH RATES
KANSAS AND THE U.S., 1982-1992
BOTH SEXES



*1992 RATE PROVISIONAL
RATE PER 1,000 STANDARD U.S. 1940 POPULATION
RESIDENCE DATA

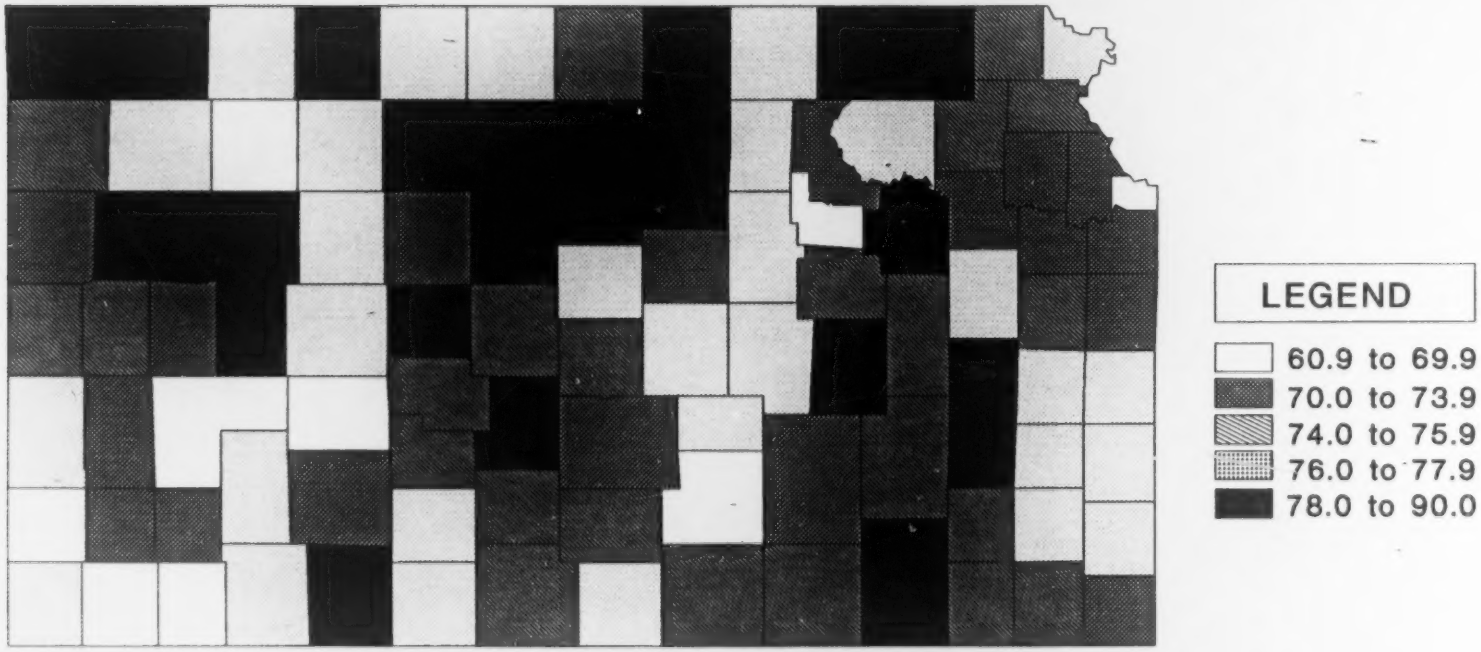
Figure 28

TABLE 30
AGE-ADJUSTED DEATH RATES* BY SEX
KANSAS AND THE U.S., 1982-1992

Year	Kansas			U.S.**		
	Total	Male	Female	Total	Male	Female
1982	5.2	6.7	4.1	5.5	7.3	4.1
1983	5.2	6.7	4.0	5.5	7.3	4.1
1984	5.2	6.6	4.1	5.5	7.2	4.1
1985	5.0	6.4	4.0	5.5	7.2	4.1
1986	5.0	6.3	4.0	5.4	7.2	4.1
1987	4.9	6.2	3.9	5.4	7.1	4.0
1988	5.0	6.3	4.0	5.4	7.1	4.1
1989	4.8	5.9	3.9	5.3	6.9	4.0
1990	4.9	6.1	3.8	5.2	6.8	3.9
1991	4.9	6.1	3.9	5.1	6.7	3.9
1992	4.7	5.8	3.8	5.0	6.4	3.8

*Rate per 1,000 standard U.S. population (see Technical Notes)
**1992 rate provisional
Residence data

AVERAGE AGE AT DEATH
BY COUNTY OF RESIDENCE
KANSAS, 1992



STATE AVERAGE: 73.1

Figure 29

TABLE 31
DEATHS BY AGE-GROUP AND AVERAGE AGE AT DEATH
BY COUNTY OF RESIDENCE
KANSAS, 1992

County of Residence	Total	Age-Group												Average Age At Death
		Under 1	1–4	5–14	15–24	25–34	35–44	45–54	55–64	65–74	75–84	85 and over	N.S.	
Kansas	22,052	332	68	81	320	408	652	984	2,059	4,346	6,352	6,450	–	73.1
Allen	176	1	–	2	2	3	4	4	14	27	52	67	–	76.3
Anderson	117	1	–	–	1	1	1	8	6	20	33	46	–	77.1
Atchison	211	–	1	–	5	3	2	7	25	40	63	65	–	74.8
Barber	66	–	1	–	3	–	1	3	2	10	22	24	–	75.2
Barton	275	6	–	–	1	2	5	12	33	52	84	80	–	74.2
Bourbon	218	4	–	–	2	1	3	8	13	33	79	75	–	77.2
Brown	132	1	1	–	3	2	3	3	13	15	50	41	–	75.1
Butler	423	6	2	1	6	2	15	25	36	91	124	115	–	73.3
Chase	45	–	–	–	1	–	1	1	1	5	26	10	–	78.7
Chautauqua	53	1	–	–	–	–	–	2	4	4	23	19	–	79.2
Cherokee	287	2	–	–	4	7	6	13	29	68	79	79	–	73.8
Cheyenne	48	–	–	–	–	–	–	1	6	7	15	19	–	79.2
Clark	37	–	–	–	–	1	–	3	1	3	13	16	–	79.4
Clay	119	–	–	–	3	–	2	4	10	19	35	46	–	77.6
Cloud	184	2	–	–	2	1	2	2	8	30	56	81	–	79.9
Coffey	105	–	–	1	–		1	5	9	20	27	41	–	78.3
Comanche	37	–	–	–	–	1	1	2	1	8	13	11	–	76.7
Cowley	406	6	3	–	4	6	6	14	29	73	136	129	–	75.2
Crawford	437	3	1	1	5	6	10	10	36	82	138	145	–	76.1
Decatur	64	–	–	–	2	1	2	1	7	8	11	32	–	77.2
Dickinson	253	3	2	–	4	–	5	5	17	51	78	88	–	76.3
Doniphan	114	–	–	1	1	1	1	9	11	14	38	38	–	76.6
Douglas	428	10	3	–	2	9	15	20	41	86	114	128	–	72.6
Edwards	59	–	–	–	–	2	–	3	8	7	25	14	–	75.9
Elk	47	–	–	–	–	–	2	1	3	8	15	18	–	78.5
Ellis	193	3	–	1	2	4	2	11	17	37	61	55	–	73.5
Ellsworth	93	–	–	–	–	2	5	–	5	15	36	30	–	77.5
Finney	166	3	2	2	4	8	9	10	22	35	37	34	–	66.1
Ford	237	4	2	–	1	5	9	8	25	54	72	57	–	72.2
Franklin	225	4	1	–	1	2	8	8	18	44	72	67	–	74.6
Geary	201	11	1	–	8	13	6	9	22	44	51	36	–	64.7
Gove	29	–	–	–	–	–	–	–	1	6	15	7	–	79.1
Graham	36	–	–	–	–	1	–	2	4	6	7	16	–	77.8
Grant	45	–	–	2	–	–	3	1	6	13	10	10	–	71.6
Gray	40	1	–	–	–	–	1	1	3	5	14	15	–	76.3
Greeley	10	–	–	–	–	–	–	–	2	2	6	–	–	74.2
Greenwood	93	–	–	–	2	1	2	2	10	14	37	25	–	75.3
Hamilton	33	–	–	–	–	2	–	2	1	2	16	10	–	77.2
Harper	92	–	–	–	–	2	1	3	6	16	32	32	–	77.9
Harvey	309	5	–	1	4	4	8	11	19	39	82	136	–	77.3
Haskell	26	1	–	–	1	1	–	1	2	5	9	6	–	70.3
Hodgeman	18	1	–	1	–	–	–	1	–	8	4	3	–	66.6
Jackson	115	3	–	–	2	–	1	5	17	23	28	36	–	74.2
Jefferson	154	2	1	–	3	1	2	5	20	33	45	42	–	72.9
Jewell	62	–	–	–	1	–	–	2	10	13	16	20	–	75.8
Johnson	2,032	38	7	6	23	42	76	118	228	443	548	503	–	71.0
Kearny	30	2	–	–	–	1	–	–	3	5	11	8	–	71.9
Kingman	110	2	1	–	1	2	–	3	10	23	28	40	–	75.8
Kiowa	45	1	–	–	1	–	–	–	4	8	17	14	–	76.4
Labette	305	1	1	3	1	3	4	16	21	70	98	87	–	75.0
Lane	27	–	–	–	1	–	–	–	3	6	6	11	–	78.4
Leavenworth	429	7	3	1	12	2	16	26	43	88	134	97	–	70.5
Lincoln	82	–	–	–	1	1	1	–	3	13	26	37	–	81.0
Linn	121	2	–	1	2	1	2	1	5	26	32	49	–	77.2
Logan	31	–	–	–	–	–	–	2	3	4	14	8	–	78.3

TABLE 31
DEATHS BY AGE-GROUP AND AVERAGE AGE AT DEATH
BY COUNTY OF RESIDENCE
KANSAS, 1992

County of Residence	Total	Age-Group												Average Age At Death
		Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 and over	N.S.	
Lyon	267	1	1	2	7	5	6	7	25	51	77	85	-	74.0
Marion	180	2	-	-	2	1	5	5	12	34	44	75	-	77.4
Marshall	151	-	1	-	1	-	1	3	6	25	56	58	-	79.7
McPherson	307	5	3	1	3	1	8	9	18	45	78	136	-	76.9
Meade	59	-	-	-	-	1	1	2	3	14	19	19	-	77.6
Miami	223	3	1	1	8	5	5	15	20	44	62	59	-	70.8
Mitchell	86	-	-	-	-	-	-	4	11	13	26	32	-	78.6
Montgomery	456	6	1	2	4	6	17	12	42	79	131	156	-	75.3
Morris	68	-	-	1	1	1	2	1	8	11	19	24	-	75.8
Morton	22	-	-	-	-	-	-	-	3	8	5	6	-	76.1
Nemaha	144	-	-	-	-	-	2	2	8	20	47	65	-	81.2
Neosho	232	1	-	-	5	1	6	7	19	47	72	74	-	76.1
Ness	53	1	-	-	-	-	1	2	5	10	16	18	-	76.3
Norton	89	1	-	-	-	1	1	3	5	13	24	41	-	79.9
Osage	162	1	-	1	-	1	1	7	17	35	40	59	-	76.8
Osborne	55	-	-	1	-	2	1	-	3	6	17	25	-	79.5
Ottawa	69	-	-	-	-	2	-	-	4	13	24	26	-	79.1
Pawnee	82	1	-	-	-	-	2	6	9	16	20	28	-	75.2
Phillips	94	-	-	-	3	2	-	3	8	16	26	36	-	76.9
Pottawatomie	139	-	-	2	1	2	1	6	5	24	48	50	-	77.8
Pratt	102	2	-	-	-	2	2	4	12	17	30	33	-	75.6
Rawlins	40	-	-	-	-	-	-	-	4	5	14	17	-	81.0
Reno	592	6	3	1	9	15	14	31	53	96	176	188	-	73.8
Republic	123	-	-	1	-	1	-	1	6	17	50	47	-	80.6
Rice	136	4	-	1	2	2	2	4	13	19	38	51	-	74.7
Riley	250	6	2	4	4	5	8	11	22	42	75	71	-	71.1
Rooks	73	-	-	-	-	-	3	1	5	13	22	29	-	79.4
Rush	54	-	-	-	-	-	-	-	6	11	18	19	-	79.2
Russell	108	-	-	1	-	1	1	3	5	22	38	37	-	78.2
Saline	420	10	-	2	5	8	19	16	31	93	131	105	-	71.8
Scott	48	2	-	-	1	-	1	8	2	6	14	14	-	70.4
Sedgwick	3,165	77	11	18	59	94	147	183	344	718	824	690	-	68.8
Seward	119	4	-	2	3	4	7	4	11	27	26	31	-	68.1
Shawnee	1,414	13	2	4	20	34	65	75	136	292	360	413	-	72.4
Sheridan	17	1	-	-	-	-	-	3	-	5	6	2	-	68.5
Sherman	84	-	-	-	5	-	-	3	8	21	15	32	-	74.6
Smith	79	1	1	1	1	-	1	1	5	12	22	34	-	77.1
Stafford	75	-	-	-	-	1	-	1	5	14	33	21	-	78.4
Stanton	14	-	1	-	-	-	-	2	3	5	1	2	-	63.6
Stevens	34	-	-	-	3	2	1	-	3	7	12	6	-	69.3
Sumner	324	2	-	1	5	3	10	15	22	70	102	94	-	74.6
Thomas	73	-	1	-	-	1	1	3	5	14	17	31	-	77.9
Trego	52	1	-	1	-	-	-	-	2	8	24	16	-	77.4
Wabaunsee	58	1	-	-	-	-	1	4	4	10	11	27	-	78.0
Wallace	17	-	-	-	1	1	1	1	-	2	6	5	-	71.8
Washington	109	1	-	-	1	1	1	4	8	17	34	42	-	77.5
Wichita	30	-	-	-	2	-	1	1	2	4	6	14	-	74.8
Wilson	133	3	-	-	3	-	1	8	12	23	48	35	-	74.2
Woodson	72	-	-	-	-	-	3	2	4	15	23	25	-	78.6
Wyandotte	1,569	39	7	9	39	54	58	87	199	336	412	329	-	68.2

TABLE 32
DEATHS BY RACE AND SEX BY AGE-GROUP AND AVERAGE AGE AT DEATH
KANSAS, 1992

Race and Sex	Total	Age-Group												
		Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & Over	N.S.	Average Age At Death
All Races	22,052	332	68	81	320	408	652	984	2,059	4,346	6,352	6,450	-	73.1
Male	10,922	187	35	46	229	287	432	607	1,284	2,567	3,106	2,142	-	69.3
Female	11,130	145	33	35	91	121	220	377	775	1,779	3,246	4,308	-	76.9
White	20,749	252	61	68	268	350	562	873	1,886	4,088	6,097	6,244	-	73.9
Male	10,191	145	31	39	193	252	377	538	1,170	2,413	2,968	2,065	-	70.0
Female	10,558	107	30	29	75	98	185	335	716	1,675	3,129	4,179	-	77.6
Black	1,127	72	7	11	46	50	83	90	145	214	225	184	-	60.7
Male	627	39	4	5	33	32	50	58	94	125	122	65	-	58.1
Female	500	33	3	6	13	18	33	32	51	89	103	119	-	64.1
Other	158	8	-	2	6	7	6	17	26	42	25	19	-	61.1
Male	90	3	-	2	3	2	4	8	18	27	13	10	-	61.9
Female	68	5	-	-	3	5	2	9	8	15	12	9	-	60.1
Not Stated	18	-	-	-	-	1	1	4	2	2	5	3	-	66.7
Male	14	-	-	-	-	1	1	3	2	2	3	2	-	63.9
Female	4	-	-	-	-	-	-	1	-	-	2	1	-	76.5

Residence data

TABLE 33
TEN LEADING CAUSES OF DEATH BY SEX AND RACE
KANSAS, 1992

Sex and Race	Total	Causes of Death										
		Heart Disease	Malignant Neoplasms	Cerebro-vascular Disease	Chronic Obstructive Pulmonary Diseases	Unintentional Injuries	Pneumonia and Influenza	Diabetes mellitus	Suicide	Athero-sclerosis	Nephritis, Nephrotic Syndrome, Nephrosis	All Other Causes
Total	22,052	7,363	5,006	1,620	946	854	848	517	310	306	260	4,282
Male	10,922	3,463	2,629	631	576	563	388	247	240	103	125	2,082
White	10,191	3,297	2,465	586	560	526	375	219	233	101	110	1,829
Black	627	138	138	40	13	29	11	23	7	2	12	226
Indian	71	23	18	2	3	4	1	3	-	-	2	17
Other	19	4	4	2	-	3	1	-	-	-	-	5
Not Stated	14	1	4	1	-	1	-	2	-	-	1	5
Female	11,130	3,900	2,377	989	370	291	460	270	70	203	135	2,200
White	10,558	3,736	2,268	948	353	273	437	253	68	197	127	2,025
Black	500	149	93	36	12	12	21	16	2	6	8	153
Indian	45	12	9	2	3	4	2	1	-	-	-	12
Other	23	2	6	3	1	2	-	-	-	-	-	9
Not Stated	4	1	1	-	1	-	-	-	-	-	-	1

Residence data

TABLE 34
SELECTED CAUSES OF DEATH BY AGE-GROUP
AND AVERAGE AGE AT DEATH
KANSAS, 1992

Selected Causes of Death (ICD Code)	Total	Age-Group												Average Age at Death
		Under 1	1–4	5–14	15–24	25–34	35–44	45–54	55–64	65–74	75–84	85 & Over	N.S.	
All Causes	22,052	332	68	81	320	408	652	984	2,059	4,346	6,352	6,450	–	73.1
Selected Causes	18,769	111	50	68	295	366	558	857	1,855	3,816	5,430	5,363	–	n.a.
Tuberculosis (010–018)	5	–	–	–	–	–	–	1	2	1	1	–	–	64.0
HIV/AIDS (042–044)	129	–	–	–	1	46	53	17	8	3	1	–	–	39.3
Malignant Neoplasms (140–208)	5,006	–	6	10	17	52	146	360	799	1,422	1,484	710	–	70.7
Diabetes mellitus (250)	517	1	–	–	1	6	18	34	72	116	145	124	–	72.8
Hypertension (401, 403)	94	–	–	–	–	–	1	6	8	14	33	32	–	77.7
Heart Disease (390–398, 402, 404–429)	7,363	5	2	3	6	20	102	230	600	1,382	2,285	2,728	–	78.6
Cerebrovascular Disease (430–438)	1,620	1	1	–	2	4	10	45	90	241	559	667	–	80.4
Atherosclerosis (440)	306	–	–	–	–	–	–	5	5	22	90	184	–	85.9
Pneumonia and Influenza (480–487)	848	8	–	–	1	8	9	10	18	88	239	467	–	82.8
Chronic Obstructive Pulmonary Diseases (490–496)	946	1	–	2	2	2	3	11	106	299	329	191	–	75.3
Ulcer of Stomach and Duodenum (531–533)	79	–	1	–	–	–	–	1	7	10	34	26	–	78.2
Chronic Liver Disease and Cirrhosis (571)	155	–	–	–	–	3	17	19	36	41	30	9	–	63.8
Nephritis, Nephrotic Syndrome and Nephrosis (580–589)	260	3	–	–	–	1	6	5	19	52	71	103	–	78.1
Congenital Anomalies (740–759)	120	77	4	7	6	2	3	3	4	4	7	3	–	15.4
Unintentional Injuries (E800–E949)	854	14	30	38	155	125	93	47	51	94	96	111	–	47.2
Suicide (E950–E959)	310	–	–	5	60	55	67	45	24	23	24	7	–	42.7
Homicide and Legal Intervention (E960–E978)	157	1	6	3	44	42	30	18	6	4	2	1	–	32.4

Residence data

TABLE 35
TEN LEADING CAUSES OF DEATH BY SEX,
NUMBER, RATE AND AVERAGE AGE AT DEATH
KANSAS, 1992

Leading Causes of Death (ICD Code)	Number of Deaths			Cause-Specific Death Rate*			Average Age at Death		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Causes	22,052	10,922	11,130	874.2	881.5	867.2	73.1	69.3	76.9
Heart Disease (390-398, 402, 404-429)	7,363	3,463	3,900	291.9	279.5	303.9	78.6	74.4	82.3
Malignant Neoplasms (140-208)	5,006	2,629	2,377	198.4	212.2	185.2	70.7	70.4	71.1
Cerebrovascular Disease (430-438)	1,620	631	989	64.2	50.9	77.1	80.4	76.3	83.0
Chronic Obstructive Pulmonary Diseases (490-496)	946	576	370	37.5	46.5	28.8	75.3	75.3	75.4
Unintentional Injuries (E800-E949)	854	563	291	33.9	45.4	22.7	47.2	43.8	53.8
Pneumonia and Influenza (480-487)	848	388	460	33.6	31.3	35.8	82.8	80.2	85.1
Diabetes mellitus (250)	517	247	270	20.5	19.9	21.0	72.8	70.6	74.8
Suicide (E950-E959)	310	240	70	12.3	19.4	5.5	42.7	43.2	40.8
Atherosclerosis (440)	306	103	203	12.1	8.3	15.8	85.9	82.9	87.4
Nephritis, Nephrotic Syndrome and Nephrosis (580-589)	260	125	135	10.3	10.1	10.5	78.1	75.6	80.4

*Rate per 100,000 population

Note: Rates are based on 1992 population estimates from the United States Bureau of the Census
Residence data

TABLE 36
SELECTED LEADING CAUSES OF DEATH BY NUMBER AND RATE*
KANSAS AND THE UNITED STATES, 1992

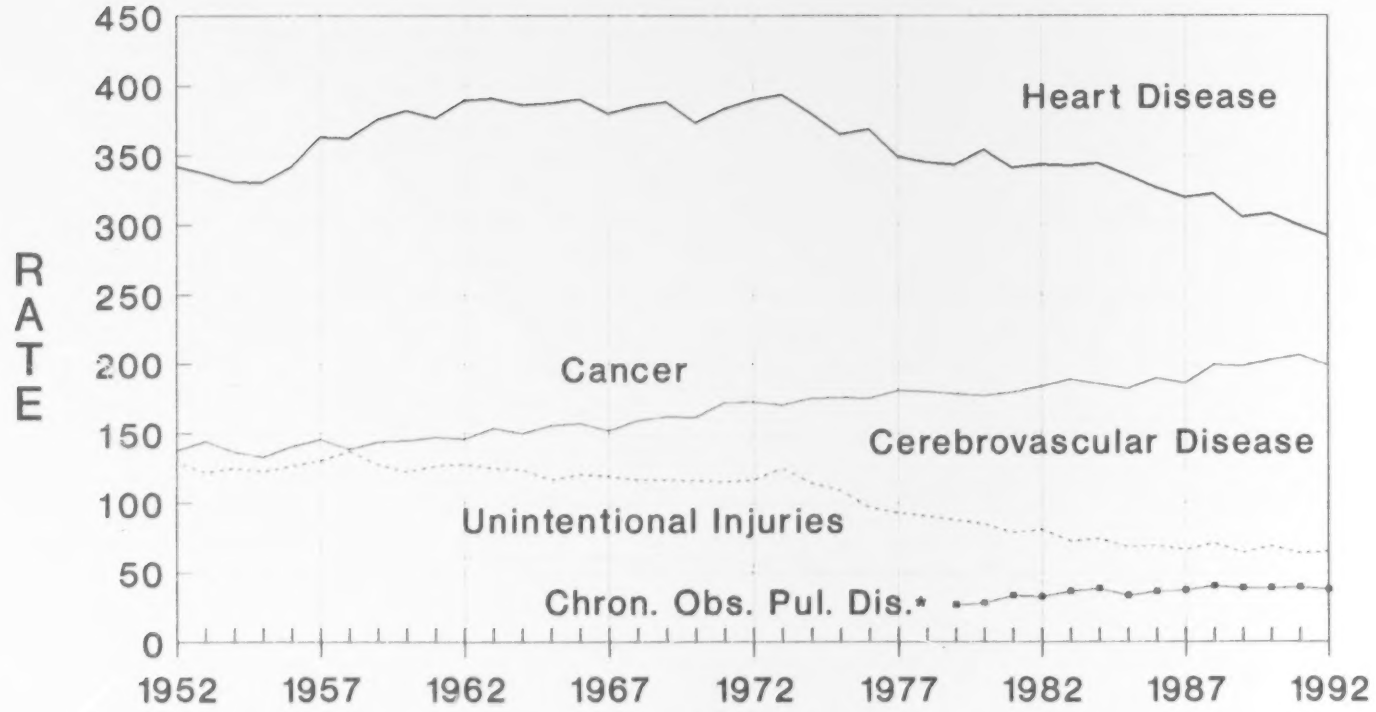
Cause of Death (ICD Code)	Kansas		United States**	
	Number	Rate	Number	Rate
All Causes	22,052	874.2	2,177,000	853.3
Heart Disease (390–398, 402, 404–429)	7,363	291.9	718,970	280.5
Malignant Neoplasms (140–208)	5,006	198.4	520,520	203.1
Cerebrovascular Disease (430–438)	1,620	64.2	143,320	55.9
Unintentional Injuries (E800–E949)	854	33.9	84,360	32.9
Chronic Obstructive Pulmonary Diseases (490–496)	946	37.5	91,080	35.5
Pneumonia and Influenza (480–487)	848	33.6	75,860	29.6
Diabetes mellitus (250)	517	20.5	50,220	19.6
Suicide (E950–E959)	310	12.3	28,710	11.2
Atherosclerosis (440)	306	12.1	16,120	6.3
Nephritis, Nephrotic Syndrome and Nephrosis (580–589)	260	10.3	22,940	9.0
Aortic Aneurysm (441)	190	7.5	n.a.	n.a.
Chronic Liver Disease and Cirrhosis (571)	155	6.1	24,860	9.7
Congenital Anomalies (740–759)	120	4.8	12,430	4.8
Certain Conditions Originating in the Perinatal Period (760–779)	139	5.5	15,620	6.1
Homicide and Legal Intervention (E960–E978)	157	6.2	25,790	10.1

*Rate per 100,000 population

**United States estimates are from the National Center for Health Statistics and are based on a 10 percent sample of deaths

Residence data

DEATH RATES FOR SELECTED
LEADING CAUSES OF DEATH
KANSAS, 1952-1992



*REPORTING BEGAN IN 1979
RATE PER 100,000 POPULATION
RESIDENCE DATA

Figure 30

LEADING CAUSES OF DEATH BY AGE-GROUP
KANSAS, 1992

ALL AGES

CAUSE	NUMBER
HEART DISEASE	7,363
CANCER	5,006
CEREBROVASC. DIS.	1,620
CHRON. OBS. PUL. DIS.	946
UNINTENTIONAL INJURIES	854
OTHER CAUSES	6,263
TOTAL	22,052

UNDER 1 YEAR

CAUSE	NUMBER
CONGENITAL ANOMALIES	77
SIDS	55
RESPIRATORY COND.	38
IMMATURITY	33
MATERNAL COND.	22
OTHER CAUSES	107
TOTAL	332

1-4 YEARS

CAUSE	NUMBER
UNINTENTIONAL INJURIES	30
HOMICIDE	6
CANCER	6
CONGENITAL ANOMALIES	4
INFECT./PARASITIC DIS.	4
OTHER CAUSES	18
TOTAL	68

5-14 YEARS

CAUSE	NUMBER
UNINTENTIONAL INJURIES	38
CANCER	10
CONGENITAL ANOMALIES	7
SUICIDE	5
DIS. NERV. SYS.	5
OTHER CAUSES	16
TOTAL	81

15-24 YEARS

CAUSE	NUMBER
UNINTENTIONAL INJURIES	155
SUICIDE	60
HOMICIDE	44
CANCER	17
DIS. CIRC. SYS.	8
OTHER CAUSES	36
TOTAL	320

25-44 YEARS

CAUSE	NUMBER
UNINTENTIONAL INJURIES	218
CANCER	198
HEART DISEASE	122
SUICIDE	122
HIV/AIDS	99
OTHER CAUSES	301
TOTAL	1,060

45-64 YEARS

CAUSE	NUMBER
CANCER	1,159
HEART DISEASE	830
DIS. RESPIR. SYS.	171
CEREBROVASC. DIS.	135
ENDOC. NUTR. METAB. DIS.	129
OTHER CAUSES	619
TOTAL	3,043

65-84 YEARS

CAUSE	NUMBER
HEART DISEASE	3,667
CANCER	2,906
CEREBROVASC. DIS.	800
CHRON. OBS. PUL. DIS.	628
PNUEMONIA AND INFLU.	327
OTHER CAUSES	2,370
TOTAL	10,698

85 YEARS AND OVER

CAUSE	NUMBER
HEART DISEASE	2,728
CANCER	710
CEREBROVASC. DIS.	667
PNUEMONIA AND INFLU.	467
DIS. ART. AND CAP.	257
OTHER CAUSES	1,621
TOTAL	6,450

Figure 31

TABLE 37
HEART DISEASE DEATHS BY AGE-GROUP AND SEX
KANSAS, 1992

Selected Causes of Death and Sex (ICD Code)	Total	Age-Group										
		Under 1	1–4	5–14	15–24	25–34	35–44	45–54	55–64	65–74	75–84	85 & Over
Heart Disease (390–398,402,404–429)	7,383	5	2	3	6	20	102	230	600	1,382	2,285	2,728
Male	3,483	3	1	1	2	13	78	179	415	881	1,063	827
Female	3,900	2	1	2	4	7	24	51	185	501	1,222	1,901
Acute Rheumatic Fever and Chronic Rheumatic Heart Disease (390–398)	53	–	–	–	–	–	–	4	13	9	20	7
Male	22	–	–	–	–	–	–	3	6	4	7	2
Female	31	–	–	–	–	–	–	1	7	5	13	5
Hypertensive Heart Disease with or without Renal Disease (402,404)	152	–	–	–	–	1	2	3	8	26	49	63
Male	49	–	–	–	–	1	2	2	5	10	17	12
Female	103	–	–	–	–	–	–	1	3	16	32	51
Ischemic Heart Disease (410–414)	4,898	–	–	–	1	4	71	163	433	993	1547	1686
Male	2,447	–	–	–	–	3	57	135	315	654	754	529
Female	2,451	–	–	–	1	1	14	28	118	339	793	1157
Diseases of Pulmonary Circulation (415–417)	133	–	–	–	2	2	6	6	11	35	37	34
Male	48	–	–	–	–	2	2	1	3	19	12	9
Female	85	–	–	–	2	–	4	5	8	16	25	25
All Other Forms of Heart Disease (420–429)	2,127	5	2	3	3	13	23	54	135	319	632	938
Male	897	3	1	1	2	7	17	38	86	194	273	275
Female	1,230	2	1	2	1	6	6	16	49	125	359	663

Residence data

TABLE 38
MALIGNANT NEOPLASM DEATHS
BY SITE OF LESION, AGE-GROUP AND SEX
KANSAS, 1992

Site of Lesion and Sex (ICD Code)	Total	Age-Group										
		Under 1	1–4	5–14	15–24	25–34	35–44	45–54	55–64	65–74	75–84	85 & Over
Malignant Neoplasms (All Sites) (140–208)	5,006	–	6	10	17	52	146	360	799	1,422	1,484	710
Male	2,629	–	4	3	13	25	64	166	454	792	793	315
Female	2,377	–	2	7	4	27	82	194	345	630	691	395
Lip, Oral Cavity and Pharynx (140–149)	74	–	–	–	1	–	3	6	20	23	14	7
Male	44	–	–	–	–	–	1	4	15	15	7	2
Female	30	–	–	–	1	–	2	2	5	8	7	5
Digestive Organs and Peritoneum (150–159)	1,124	–	–	–	2	5	25	71	174	294	347	206
Male	591	–	–	–	1	3	16	39	103	178	182	69
Female	533	–	–	–	1	2	9	32	71	116	165	137
Respiratory and Intrathoracic Organs (160–165)	1,429	–	–	–	–	3	32	98	287	514	387	110
Male	939	–	–	–	–	1	22	57	190	329	263	77
Female	490	–	–	–	–	2	10	39	97	185	124	33
Breast (174–175)	423	–	–	–	–	7	26	55	58	89	116	72
Male	1	–	–	–	–	–	–	–	–	–	1	–
Female	422	–	–	–	–	7	26	55	58	89	115	72
Genital Organs (179–187)	618	–	–	–	1	8	9	23	48	172	232	125
Male	363	–	–	–	1	3	1	4	20	91	149	94
Female	255	–	–	–	–	5	8	19	28	81	83	31
Urinary Organs (188–189)	221	–	1	1	–	1	4	19	37	50	73	35
Male	137	–	1	–	–	1	2	13	26	34	42	18
Female	84	–	–	1	–	–	2	6	11	16	31	17
Other and Unspecified Sites (170–173, 190–199)	560	–	3	5	8	16	26	55	96	145	138	68
Male	267	–	2	1	7	10	8	31	51	79	53	25
Female	293	–	1	4	1	6	18	24	45	66	85	43
Leukemia (204–208)	224	–	2	4	3	7	7	17	32	39	64	49
Male	116	–	1	2	3	4	6	7	19	24	35	15
Female	108	–	1	2	–	3	1	10	13	15	29	34
Other Lymphatic and Hematopoietic Tissue (200–203)	333	–	–	–	2	5	14	18	47	96	113	38
Male	171	–	–	–	1	3	8	11	30	42	61	15
Female	162	–	–	–	1	2	6	7	17	54	52	23

Residence data

TABLE 39
CEREBROVASCULAR DISEASE DEATHS BY AGE-GROUP AND SEX
KANSAS, 1992

Cause of Death and Sex (ICD Code)	Total	Age-Group										
		Under 1	1–4	5–14	15–24	25–34	35–44	45–54	55–64	65–74	75–84	85 & Over
Cerebrovascular Disease (430–438)	1,620	1	1	–	2	4	10	45	90	241	559	667
Male	631	1	1	–	1	2	7	29	57	135	226	172
Female	989	–	–	–	1	2	3	16	33	106	333	495
Subarachnoid and Intracerebral Hemorrhage and Other and Unspecified Intracranial Hemorrhage (430–432)	274	–	1	–	2	4	6	27	35	59	88	52
Male	109	–	1	–	1	2	4	16	15	26	32	12
Female	165	–	–	–	1	2	2	11	20	33	56	40
Occlusion and Stenosis of Precerebral Arteries (433)	26	–	–	–	–	–	1	1	2	9	8	5
Male	17	–	–	–	–	–	1	1	2	6	4	3
Female	9	–	–	–	–	–	–	–	–	3	4	2
Occlusion of Cerebral Arteries and Transient Cerebral Ischemia (434–435)	170	–	–	–	–	–	1	6	12	19	66	66
Male	73	–	–	–	–	–	1	5	11	13	24	19
Female	97	–	–	–	–	–	–	1	1	6	42	47
Acute but Ill-defined Cerebrovascular Disease (436)	993	–	–	–	–	–	2	9	33	142	353	454
Male	372	–	–	–	–	–	1	6	24	80	144	117
Female	621	–	–	–	–	–	1	3	9	62	209	337
Other and Ill-defined Cerebrovascular Disease (437)	102	1	–	–	–	–	–	2	6	6	27	60
Male	35	1	–	–	–	–	–	1	3	6	15	9
Female	67	–	–	–	–	–	–	1	3	–	12	51
Late Effects of Cerebrovascular Disease (438)	55	–	–	–	–	–	–	–	2	6	17	30
Male	25	–	–	–	–	–	–	–	2	4	7	12
Female	30	–	–	–	–	–	–	–	–	2	10	18

Residence data

TABLE 40
UNINTENTIONAL INJURY DEATHS BY AGE-GROUP AND SEX
KANSAS, 1992

Cause of Death and Sex (ICD Code)	Total	Age-Group										
		Under 1	1–4	5–14	15–24	25–34	35–44	45–54	55–64	65–74	75–84	85 & Over
Unintentional Injuries (E800–E949)	854	14	30	38	155	125	93	47	51	94	96	111
Male	563	8	14	27	111	99	74	33	35	62	58	42
Female	291	6	16	11	44	26	19	14	16	32	38	69
Motor-Vehicle (E810–E825)	416	3	6	22	121	78	53	27	29	39	30	8
Male	279	2	2	16	82	57	42	16	16	25	17	4
Female	137	1	4	6	39	21	11	11	13	14	13	4
Water Transport (E830–E838)	7	–	–	1	3	–	1	2	–	–	–	–
Male	4	–	–	1	1	–	–	2	–	–	–	–
Female	3	–	–	–	2	–	1	–	–	–	–	–
Air and Space Transport (E840–E845)	9	–	–	1	–	6	1	–	–	1	–	–
Male	7	–	–	1	–	5	–	–	–	1	–	–
Female	2	–	–	–	–	1	1	–	–	–	–	–
Poisonings (E850–E869)	32	–	1	1	4	5	10	3	2	3	2	1
Male	25	–	–	1	4	4	8	3	2	1	1	1
Female	7	–	1	–	–	1	2	–	–	2	1	–
Falls (E880–E888)	126	–	–	–	1	3	3	–	3	12	38	66
Male	60	–	–	–	1	2	3	–	2	7	22	23
Female	66	–	–	–	–	1	–	–	1	5	16	43
Fire and Flames (E890–E899)	46	3	6	6	2	7	5	3	4	5	2	3
Male	27	2	2	2	1	6	4	2	3	3	–	2
Female	19	1	4	4	1	1	1	1	1	2	2	1
Natural and Environmental Factors(E900–909)	9	–	–	–	1	–	–	1	1	2	2	2
Male	7	–	–	–	1	–	–	1	1	2	1	1
Female	2	–	–	–	–	–	–	–	–	–	1	1
Drowning and Submersion (E910)	33	2	10	1	6	3	5	–	–	4	–	2
Male	25	1	6	1	6	3	4	–	–	3	–	1
Female	8	1	4	–	–	–	1	–	–	1	–	1
Inhalation and Ingestion of Food and Other Objects (E911–E912)	52	3	2	1	3	–	1	1	4	9	5	23
Male	26	2	2	–	2	–	1	–	4	4	3	8
Female	26	1	–	1	1	–	–	1	–	5	2	15
Machinery (E919)	25	–	–	–	2	3	3	2	1	9	5	–
Male	25	–	–	–	2	3	3	2	1	9	5	–
Female	–	–	–	–	–	–	–	–	–	–	–	–
Firearm Missile (E922)	18	–	1	4	8	5	–	–	–	–	–	–
Male	16	–	–	4	7	5	–	–	–	–	–	–
Female	2	–	1	–	1	–	–	–	–	–	–	–
Electric Current (E925)	6	–	–	–	1	3	2	–	–	–	–	–
Male	6	–	–	–	1	3	2	–	–	–	–	–
Female	–	–	–	–	–	–	–	–	–	–	–	–
Other Uninten. Injuries (E800–E807, E826–E829, E846–E848, E870–E879, E913–E918, E920–E921, E923–E924,E926–E949)	75	3	4	1	3	12	9	8	7	10	12	6
Male	56	1	2	1	3	11	7	7	6	7	9	2
Female	19	2	2	–	–	1	2	1	1	3	3	4

Residence data

TABLE 41
SELECTED CHRONIC DISEASE DEATHS BY AGE-GROUP AND SEX
KANSAS, 1982

Cause of Death and Sex (ICD Code)	Total	Age-Group										
		Under 1	1–4	5–14	15–24	25–34	35–44	45–54	55–64	65–74	75–84	85 & Over
Total	2,357	5	1	2	3	12	45	81	253	554	732	669
Male	1,220	3	1	2	2	6	29	49	155	328	372	273
Female	1,137	2	0	0	1	6	16	32	98	226	360	396
Diabetes mellitus (250)	517	1	–	–	1	6	18	34	72	116	145	124
Male	247	1	–	–	1	3	10	18	43	55	72	44
Female	270	–	–	–	–	3	8	16	29	61	73	80
Hypertension without mention of Heart Disease (401, 403)	94	–	–	–	–	–	1	6	8	14	33	32
Male	44	–	–	–	–	–	–	6	4	10	13	11
Female	50	–	–	–	–	–	1	–	4	4	20	21
Atherosclerosis (440)	306	–	–	–	–	–	–	5	5	22	90	184
Male	103	–	–	–	–	–	–	3	3	13	37	47
Female	203	–	–	–	–	–	–	2	2	9	53	137
Chronic Obstructive Pulmonary Diseases and Allied Conditions (490–496)	946	1	–	2	2	2	3	11	106	299	329	191
Male	576	–	–	2	1	1	3	2	70	190	189	118
Female	370	1	–	–	1	1	–	9	36	109	140	73
Ulcer of Stomach and Duodenum (531–533)	79	–	1	–	–	–	–	1	7	10	34	26
Male	32	–	1	–	–	–	–	1	4	7	10	9
Female	47	–	–	–	–	–	–	–	3	3	24	17
Chronic Liver Disease and Cirrhosis (571)	155	–	–	–	–	3	17	19	36	41	30	9
Male	93	–	–	–	–	1	13	15	20	24	16	4
Female	62	–	–	–	–	2	4	4	16	17	14	5
Nephritis, Nephrotic Syndrome, and Nephrosis (580–589)	260	3	–	–	–	1	6	5	19	52	71	103
Male	125	2	–	–	–	1	3	4	11	29	35	40
Female	135	1	–	–	–	–	3	1	8	23	36	63

Residence data

TABLE 42
OCCUPATION OF DECEDENT BY
SELECTED CAUSES OF DEATH
KANSAS, 1992

Occupation of Decedent	Total	Selected Causes of Death											
		Heart Disease	Malignant Neoplasms	Cerebro-vascular Disease	Unintentional Injuries	Chronic Obstructive Pulmonary Diseases	Suicide	Athero-sclerosis	Chronic Liver Disease and Cirrhosis	Homicide and Legal Intervention	Ulcer of Stomach and Duodenum	Hyper-tension	All Other Causes
Total	22,052	7,363	5,006	1,620	854	946	310	306	155	157	79	94	5,162
Housewives	5,779	2,204	1,062	546	101	191	22	110	29	8	21	25	1,460
Managerial and Professional Specialty	3,560	1,175	940	271	81	137	51	39	25	17	15	15	794
Technical, Sales and Administrative Support	3,334	1,077	920	266	85	140	40	50	27	17	15	21	676
Operators, Fabricators and Laborers	2,385	761	569	147	140	137	52	31	22	41	9	5	471
Farming, Forestry and Fishing	2,087	761	459	134	81	100	22	29	13	1	7	7	473
Precision Production, Craft and Repair	2,180	676	584	127	111	155	49	17	19	17	2	9	414
Service Workers	1,618	558	357	106	53	69	16	27	14	22	7	11	378
No Occupation	215	56	23	10	18	5	10	2	1	12	1	-	77
Students	235	4	17	1	122	3	41	-	-	13	-	-	34
Children Under 5 Years	400	7	6	2	44	1	-	-	-	7	1	-	332
Other and Not Stated	259	84	69	10	18	8	7	1	5	2	1	1	53

Residence data

TABLE 43

TYPE OF INDUSTRY OF DECEDENT'S OCCUPATION BY SELECTED CAUSES OF DEATH

KANSAS, 1992

Type of Industry	Total	Selected Causes of Death											
		Heart Disease	Malignant Neoplasms	Cerebro-vascular Disease	Unintentional Injuries	Chronic Obstructive Pulmonary Diseases	Suicide	Athero-sclerosis	Chronic Liver Disease and Cirrhosis	Homicide and Legal Intervention	Ulcer of Stomach and Duodenum	Hyper-tension	All Other Causes
Total	22,052	7,383	5,006	1,620	854	946	310	308	155	157	79	94	5,162
Professional Services	2,774	929	697	236	69	93	26	36	15	18	9	16	628
Agriculture, Forestry and Fisheries	2,125	774	467	136	80	98	24	29	13	2	7	7	488
Manufacturing	2,243	712	614	141	106	118	41	19	25	17	7	10	433
Retail Trade	1,937	650	478	131	52	89	19	35	16	20	5	8	434
Transportation, Communications and Public Utilities	1,639	535	431	119	66	95	24	25	12	7	6	7	312
Construction	1,224	370	306	65	66	81	34	7	11	23	4	4	253
Public Administration	749	243	207	62	25	37	6	7	7	4	3	1	147
Business and Repair Services	509	146	137	30	24	33	17	8	4	5	2	1	102
Personal Services	620	225	110	48	18	26	3	9	5	9	4	6	157
Finance, Insurance and Real Estate	533	155	167	43	14	23	9	4	4	3	4	2	105
Wholesale Trade	541	186	139	31	19	25	18	11	1	4	3	4	100
Mining	205	68	51	9	8	14	5	1	6	1	1	–	41
Entertainment and Recreation Services	97	28	26	3	5	6	3	2	1	2	–	2	19
Other and N.S.*	6,856	2,342	1,176	566	302	208	79	113	35	42	24	26	1,943

*This category includes housewives, military personnel, students, children and those who were never employed.

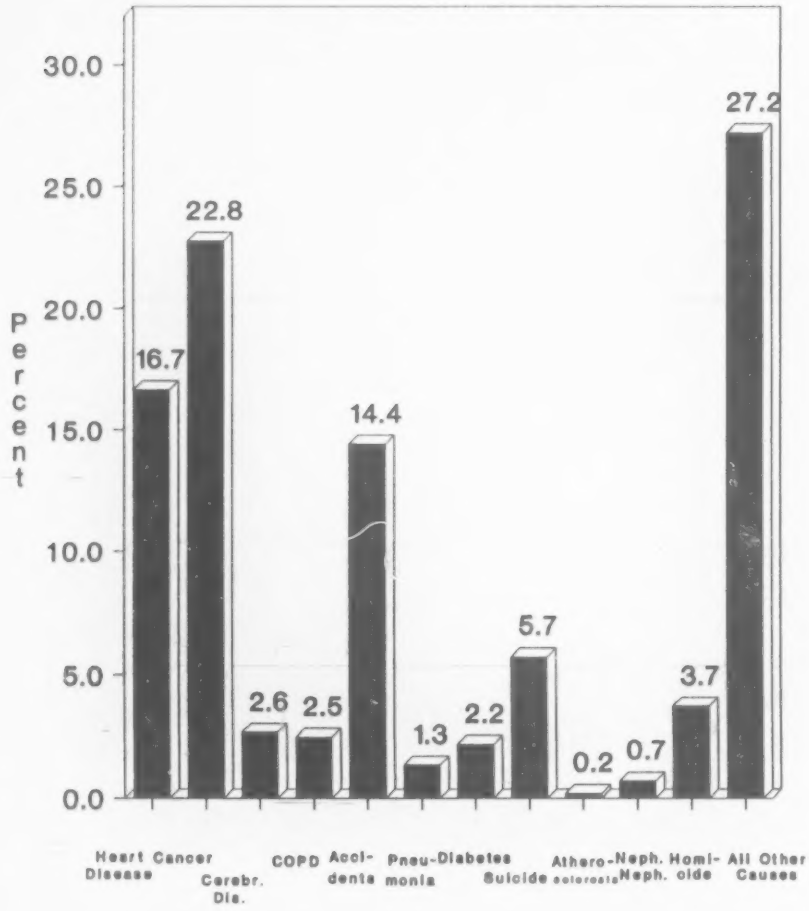
Residence data

TABLE 44
SELECTED CAUSES OF DEATH AND YEARS OF POTENTIAL LIFE LOST (YPLL)
BEFORE LIFE EXPECTANCY*
KANSAS, 1992

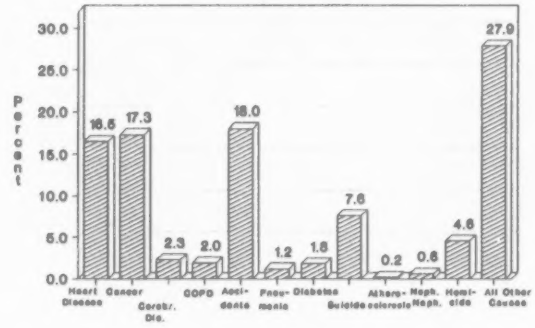
CAUSE OF DEATH (ICD)	Number of Deaths	Total Years Life Lost	Percent Years Lost By Cause
Total Deaths	22,052	186,190	100.0
Heart Disease (390–398, 402, 404–429)	7,363	31,020	16.7
Cancer (140–208)	5,006	42,370	22.8
Cerebrovascular Disease (430–438)	1,620	4,932	2.6
Chronic Obstructive Pul. Dis. (490–496)	946	4,565	2.5
Unintentional Injuries (E800–E949)	854	26,861	14.4
Pneumonia (480–487)	848	2,468	1.3
Diabetes (250)	517	4,026	2.2
Suicide (E950–E959)	310	10,663	5.7
Atherosclerosis (440)	306	332	0.2
Nephritis and Neph. Syn. (580–589)	260	1,281	0.7
Homicide and Leg. Int. (E960–E978)	157	6,953	3.7
All Other Causes	3,865	50,719	27.2
Male Deaths	10,922	97,116	100.0
Heart Disease (390–398, 402, 404–429)	3,463	16,025	16.5
Cancer (140–208)	2,629	16,813	17.3
Cerebrovascular Disease (430–438)	631	2,246	2.3
Chronic Obstructive Pul. Dis. (490–496)	576	1,896	2.0
Unintentional Injuries (E800–E949)	563	17,494	18.0
Pneumonia (480–487)	388	1,160	1.2
Diabetes (250)	247	1,784	1.8
Suicide (E950–E959)	240	7,399	7.6
Atherosclerosis (440)	103	136	0.2
Nephritis and Neph. Syn. (580–589)	125	600	0.6
Homicide and Leg. Int. (E960–E978)	111	4,461	4.6
All Other Causes	1,846	27,102	27.9
Female Deaths	11,130	91,111	100.0
Heart Disease (390–398, 402, 404–429)	3,900	15,797	17.3
Cancer (140–208)	2,377	26,696	29.3
Cerebrovascular Disease (430–438)	989	3,417	3.8
Chronic Obstructive Pul. Dis. (490–496)	370	2,681	2.9
Unintentional Injuries (E800–E949)	291	8,486	9.3
Pneumonia (480–487)	460	1,534	1.7
Diabetes (250)	270	2,400	2.6
Suicide (E950–E959)	70	2,752	3.0
Atherosclerosis (440)	203	333	0.4
Nephritis and Neph. Syn. (580–589)	135	736	0.8
Homicide and Leg. Int. (E960–E978)	46	2,260	2.5
All Other Causes	2,019	24,019	26.4

*Average remaining lifetime values compiled by the Kansas Divison of the Budget.
Total YPLL for Male and Female deaths will not add to the Total due to the different life expectancies used to calculate YPLL for males and females.
Residence data

Percent Years of Potential Life Lost
By Selected Causes of Death
Kansas, 1992



Percent Years of Potential Life Lost
By Selected Causes of Death
Kansas Males, 1992



Percent Years of Potential Life Lost
By Selected Causes of Death
Kansas Females, 1992

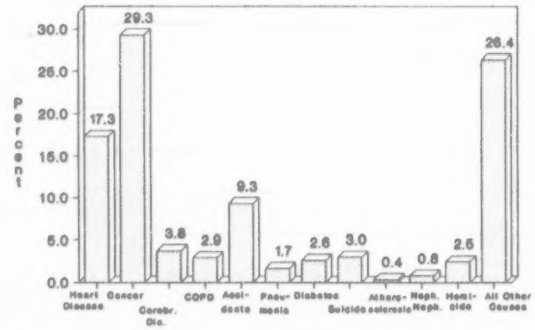


Figure 32

TABLE 45
SELECTED CAUSES OF DEATH BY COUNTY OF RESIDENCE
KANSAS, 1992

County of Residence	All Causes	Selected Causes of Death							
		Tuber-culosis (010–018)	Syphilis (090–097)	Residual Infect. & Para-sitic Dis. (001–009, 020–088, 098–139)	All Malignant Neoplasms (140–208)	Malignant Neoplasms of Digestive Organs and Peritoneum (150–159)	Malignant Neoplasms of Respiratory, Intra-thora-cic Organs (160–165)	Malignant Neoplasms of Breast (174–175)	Malignant Neoplasms of Genital Organs (179–187)
Kansas	22,052	5	–	393	5,006	1,124	1,429	423	618
Allen	176	1	–	–	38	10	12	2	5
Anderson	117	–	–	1	34	8	6	7	4
Atchison	211	–	–	–	49	17	13	2	3
Barber	66	–	–	1	14	2	5	2	2
Barton	275	–	–	3	70	11	23	8	7
Bourbon	218	–	–	2	45	7	14	5	8
Brown	132	–	–	1	19	4	6	3	2
Butler	423	1	–	6	86	16	27	9	8
Chase	45	–	–	1	12	4	4	–	–
Chautauqua	53	–	–	1	11	3	–	2	3
Cherokee	287	–	–	3	59	17	13	5	7
Cheyenne	48	–	–	–	6	1	1	2	1
Clark	37	–	–	–	7	3	1	–	1
Clay	119	–	–	2	27	6	4	2	7
Cloud	184	–	–	3	25	7	3	2	6
Coffey	105	–	–	1	23	7	6	3	1
Comanche	37	–	–	–	5	–	2	1	–
Cowley	406	–	–	1	84	19	25	8	12
Crawford	437	–	–	9	91	21	29	10	7
Decatur	64	–	–	1	11	2	3	2	3
Dickinson	253	–	–	3	56	16	11	3	9
Doniphan	114	–	–	9	24	5	8	1	4
Douglas	428	–	–	9	105	19	30	10	9
Edwards	59	–	–	–	15	2	7	1	–
Elk	47	–	–	–	9	–	3	1	1
Ellis	193	–	–	3	41	9	11	4	5
Ellsworth	93	–	–	1	18	6	5	1	2
Finney	166	–	–	5	44	9	18	6	2
Ford	237	1	–	–	44	7	13	5	2
Franklin	225	–	–	1	51	14	11	7	5
Geary	201	–	–	6	54	14	14	3	9
Gove	29	–	–	–	9	4	1	1	2
Graham	36	–	–	–	10	2	1	1	1
Grant	45	–	–	–	11	2	4	–	2
Gray	40	–	–	–	8	1	2	–	3
Greeley	10	–	–	–	4	3	1	–	–
Greenwood	93	–	–	1	25	6	7	2	3
Hamilton	33	–	–	1	5	1	1	–	1
Harper	92	–	–	2	18	3	5	1	3
Harvey	309	–	–	5	63	15	12	5	10
Haskell	26	–	–	–	4	–	3	–	1
Hodgeman	18	–	–	–	3	–	–	–	–
Jackson	115	–	–	1	36	5	10	5	6
Jefferson	154	–	–	1	40	8	13	4	5
Jewell	62	–	–	–	19	5	4	2	3
Johnson	2,032	1	–	54	565	127	152	44	59
Kearny	30	–	–	1	7	2	2	–	–
Kingman	110	–	–	–	36	8	10	4	3
Kiowa	45	–	–	1	7	1	–	–	2
Labette	305	–	–	3	55	13	15	8	6
Lane	27	–	–	–	6	–	2	1	1
Leavenworth	429	–	–	9	96	32	31	8	5
Lincoln	82	–	–	–	10	3	2	–	3
Linn	121	–	–	4	20	7	7	1	2
Logan	31	–	–	–	11	1	2	1	4

TABLE 45
SELECTED CAUSES OF DEATH BY COUNTY OF RESIDENCE
KANSAS, 1992

County of Residence	All Causes	Selected Causes of Death							
		Tuber-culosis (010–018)	Syphilis (090–097)	Residual Infect. & Para-sitic Dis. (001–009, 020–088, 098–139)	All Malignant Neoplasms (140–208)	Malignant Neoplasms of Digestive Organs and Peritoneum (150–159)	Malignant Neoplasms of Respiratory, Intra-thora-cic Organs (160–165)	Malignant Neoplasms of Breast (174–175)	Malignant Neoplasms of Genital Organs (179–187)
Lyon	267	–	–	3	62	11	16	9	9
Marion	180	–	–	3	34	5	11	5	8
Marshall	151	–	–	1	36	7	9	2	5
McPherson	307	–	–	4	60	14	14	6	6
Meade	59	–	–	1	12	2	3	–	3
Miami	223	–	–	4	49	14	16	1	3
Mitchell	86	–	–	2	23	5	5	2	4
Montgomery	456	–	–	4	88	14	31	8	13
Morris	68	–	–	–	22	5	5	1	3
Morton	22	–	–	–	6	1	3	–	1
Nemaha	144	–	–	3	40	13	7	1	5
Neosho	232	–	–	3	46	5	10	1	11
Ness	53	–	–	–	11	2	–	–	3
Norton	89	–	–	1	15	5	2	2	2
Osage	162	–	–	1	32	10	13	1	–
Osborne	55	–	–	–	15	1	2	1	4
Ottawa	69	–	–	–	9	2	4	1	1
Pawnee	82	–	–	1	15	3	5	4	2
Phillips	94	–	–	2	23	7	4	2	3
Pottawatomie	139	–	–	1	34	9	6	4	4
Pratt	102	–	–	–	25	7	8	3	4
Rawlins	40	–	–	–	10	6	2	–	1
Reno	592	–	–	12	112	23	29	9	15
Republic	123	–	–	2	19	1	8	2	3
Rice	136	–	–	3	21	5	7	–	4
Riley	250	–	–	6	63	12	10	10	9
Rooks	73	–	–	–	13	2	7	1	1
Rush	54	–	–	1	8	1	1	2	1
Russell	108	–	–	2	19	2	8	–	5
Saline	420	–	–	7	98	18	29	8	13
Scott	48	–	–	2	9	3	2	–	2
Sedgwick	3,165	1	–	65	783	171	241	59	110
Seward	119	–	–	1	30	11	7	1	4
Shawnee	1,414	–	–	48	322	75	96	30	33
Sheridan	17	–	–	–	6	3	2	1	–
Sherman	84	–	–	1	15	4	4	–	1
Smith	79	–	–	6	20	3	4	2	3
Stafford	75	–	–	1	15	5	3	1	3
Stanton	14	–	–	–	6	1	1	1	2
Stevens	34	–	–	–	4	–	–	–	2
Sumner	324	–	–	3	75	15	23	6	9
Thomas	73	–	–	–	19	9	6	2	–
Trego	52	–	–	–	14	1	3	4	3
Wabaunsee	58	–	–	–	12	2	–	2	1
Wallace	17	–	–	–	4	–	–	1	1
Washington	109	–	–	1	24	8	7	–	2
Wichita	30	–	–	–	3	1	2	–	–
Wilson	133	–	–	4	34	7	15	1	4
Woodson	72	–	–	1	12	2	5	–	1
Wyandotte	1,569	–	–	37	334	76	120	21	31

TABLE 45
SELECTED CAUSES OF DEATH BY COUNTY OF RESIDENCE
KANSAS, 1992

County of Residence	Selected Causes of Death									
	Malignant Neoplasms of Urinary Organs (188–189)	Leukemia (204–208)	Other Malignant Neoplasms (140–149, 170–173, 190–203)	Diabetes mellitus (250)	Major Cardio-vascular Diseases (390–448)	Diseases of Heart (390–398, 402 404–429)	Rheumatic Fever and Rheumatic Heart Disease (390–398)	Hyperten-sive Heart Disease w, w/out Renal Disease (402,404)	Ischemic Heart Disease (410–414)	Other Heart Disease (415–429)
Kansas	221	224	967	517	9,676	7,363	53	152	4,896	2,260
Allen	–	2	7	9	80	63	1	1	32	29
Anderson	1	4	4	3	51	40	–	3	22	15
Atchison	2	2	10	5	108	90	3	–	56	31
Barber	1	–	2	2	27	18	–	1	15	2
Barton	5	5	11	5	126	102	–	1	81	20
Bourbon	–	2	9	5	110	90	1	2	57	30
Brown	2	–	2	–	73	60	–	2	50	8
Butler	2	3	21	7	213	142	–	3	87	52
Chase	–	2	2	–	21	15	–	–	8	7
Chautauqua	1	1	1	2	24	21	–	–	15	6
Cherokee	2	3	12	6	148	120	1	1	96	22
Cheyenne	–	–	1	–	22	13	–	–	7	6
Clark	1	–	1	3	17	15	–	–	6	9
Clay	3	–	5	3	50	40	–	4	17	19
Cloud	2	–	5	4	86	70	–	1	53	16
Coffey	–	1	5	2	55	40	–	2	24	14
Comanche	–	1	1	–	24	16	1	–	10	5
Cowley	2	4	14	10	175	140	–	5	102	33
Crawford	7	4	13	7	223	168	–	2	124	42
Decatur	1	–	–	2	23	16	1	–	10	5
Dickinson	2	3	12	3	117	89	1	1	75	12
Doniphan	–	1	5	1	61	38	–	–	24	14
Douglas	3	8	26	11	167	118	–	2	74	42
Edwards	2	–	3	–	27	18	–	–	16	2
Elk	1	1	2	1	24	23	–	–	22	1
Ellis	1	1	10	5	90	70	–	–	50	20
Ellsworth	–	1	3	1	46	39	–	–	19	20
Finney	–	3	8	1	70	55	1	–	42	12
Ford	3	2	12	6	104	87	–	2	59	26
Franklin	2	2	10	8	115	84	–	2	56	26
Geary	3	1	10	4	72	50	1	–	35	14
Gove	–	–	1	–	14	10	–	1	5	4
Graham	–	–	5	1	13	10	–	–	9	1
Grant	–	–	3	2	20	18	–	–	15	3
Gray	–	1	1	1	18	13	–	–	10	3
Greeley	–	–	–	–	4	2	–	–	2	–
Greenwood	1	2	4	3	44	36	–	–	32	4
Hamilton	1	1	–	1	11	10	–	–	7	3
Harper	–	1	5	4	43	33	–	–	26	7
Harvey	3	3	15	2	158	121	–	1	88	52
Haskell	–	–	–	1	12	12	–	–	11	1
Hodgeman	1	–	2	–	9	6	–	–	2	4
Jackson	–	1	9	2	45	38	–	1	20	17
Jefferson	2	2	6	2	60	45	–	1	27	17
Jewell	–	4	1	3	25	18	–	–	15	3
Johnson	30	26	127	46	845	637	6	17	392	222
Kearny	2	1	–	–	16	15	–	1	12	2
Kingman	2	3	6	6	43	35	–	–	26	9
Kiowa	–	–	4	1	24	15	1	–	4	10
Labette	1	1	11	4	148	118	1	1	85	31
Lane	–	–	2	1	9	7	–	–	6	1
Leavenworth	3	2	15	11	177	143	2	2	78	63
Lincoln	–	–	2	2	54	45	–	–	33	12
Linn	1	–	2	5	57	45	–	–	35	10
Logan	–	1	2	2	13	10	–	–	10	–

TABLE 48
SELECTED CAUSES OF DEATH BY COUNTY OF RESIDENCE
KANSAS, 1992

County of Residence	Selected Causes of Death									
	Malignant Neoplasms of Urinary Organs (188–189)	Leukemia (204–208)	Other Malignant Neoplasms (140–149, 170–173, 190–203)	Diabetes mellitus (250)	Major Cardio-vascular Diseases (390–448)	Diseases of Heart (390–398, 402 404–429)	Rheumatic Fever and Rheumatic Heart Disease (390–398)	Hyperten-sive Heart Disease w. w/out Renal Disease (402,404)	Ischemic Heart Disease (410–414)	Other Heart Disease (415–429)
Lyon	3	5	9	4	127	96	–	3	48	47
Marion	–	–	5	6	87	71	–	1	48	24
Marshall	2	2	9	2	80	62	–	–	49	13
McPherson	4	6	10	9	127	99	–	4	70	25
Meade	2	2	–	2	23	17	1	–	9	7
Miami	2	1	12	7	91	71	–	–	48	23
Mitchell	–	1	6	2	36	30	–	–	22	8
Montgomery	2	5	15	10	206	162	1	3	121	37
Morris	1	1	6	1	23	20	–	–	17	3
Morton	1	–	–	1	9	8	–	–	8	–
Nemaha	1	4	9	2	71	48	–	12	27	9
Neosho	3	2	14	8	99	74	1	1	44	28
Ness	1	2	3	–	24	18	–	–	12	6
Norton	–	–	4	3	50	33	–	–	24	9
Osage	2	1	5	4	77	55	–	–	28	27
Osborne	1	1	5	3	23	18	–	–	15	3
Ottawa	–	–	1	2	44	28	1	–	10	17
Pawnee	1	–	–	2	36	26	–	–	23	3
Phillips	2	3	2	–	42	28	–	–	23	5
Pottawatomie	2	1	8	2	69	51	–	–	44	7
Pratt	–	1	2	6	40	29	–	2	18	9
Rawlins	–	1	–	1	20	16	–	–	10	6
Reno	9	5	22	12	284	230	4	4	139	63
Republic	2	1	2	4	64	48	–	–	38	8
Rice	–	2	3	2	56	41	–	2	25	14
Riley	3	3	16	6	116	85	1	–	66	19
Rooks	–	–	2	–	44	34	–	1	21	12
Rush	–	–	3	–	25	16	–	–	13	3
Russell	–	1	3	1	55	48	1	–	36	12
Saline	3	3	24	6	186	135	3	1	88	43
Scott	1	–	1	1	22	16	–	–	6	10
Sedgwick	36	27	139	76	1241	920	8	26	583	293
Seward	2	–	5	1	41	30	–	1	27	2
Shawnee	10	15	63	38	586	448	3	10	274	161
Sheridan	–	–	–	–	8	7	–	–	6	1
Sherman	1	2	3	1	41	35	–	2	18	15
Smith	3	–	5	1	25	17	–	–	12	5
Stafford	–	–	3	1	45	35	–	–	29	6
Stanton	–	–	1	1	3	2	–	–	2	–
Stevens	1	1	–	1	14	9	–	1	5	3
Sumner	5	6	11	14	145	101	1	1	63	36
Thomas	1	–	1	2	34	25	–	–	14	11
Trego	1	1	1	1	24	18	–	–	14	4
Wabaunsee	–	–	7	5	21	15	–	–	11	4
Wallace	–	1	1	1	7	6	–	1	5	–
Washington	4	–	3	6	50	43	–	1	34	8
Wichita	–	–	–	2	11	10	–	–	10	–
Wilson	–	1	6	2	61	50	–	–	39	11
Woodson	–	–	4	1	28	22	–	–	16	6
Wyandotte	13	10	63	38	624	467	7	15	290	155

TABLE 45
SELECTED CAUSES OF DEATH BY COUNTY OF RESIDENCE
KANSAS, 1992

County of Residence	Selected Causes of Death								
	Hypertension w,w/out Renal Disease (401,403)	Cerebrovascular Disease (430–438)	Atherosclerosis (440)	Other Diseases of Arteries, Arterioles and Capillaries (441–448)	Pneumonia and Influenza (480–487)	Chronic Obstructive Pulmonary Diseases and Allied Conditions (490–496)	Ulcer of Stomach and Duodenum (531–533)	Chronic Liver Disease and Cirrhosis (571)	Nephritis, Nephrotic Syndrome and Nephrosis (580–589)
Kansas	94	1,620	306	293	848	946	79	155	260
Allen	–	14	1	2	3	9	2	–	1
Anderson	–	8	–	3	6	4	–	1	–
Atchison	1	15	2	–	4	2	–	2	1
Barber	–	6	1	2	6	1	–	–	3
Barton	2	12	9	1	12	4	1	1	2
Bourbon	1	16	1	2	6	6	2	–	1
Brown	–	9	2	2	11	3	–	–	1
Butler	1	45	18	7	14	20	2	4	5
Chase	–	4	2	–	1	3	1	–	1
Chautauqua	–	3	–	–	2	2	–	–	1
Cherokee	–	19	5	4	8	12	2	1	–
Cheyenne	–	6	2	1	1	5	–	1	–
Clark	–	2	–	–	1	1	–	–	–
Clay	1	6	3	–	2	3	–	1	2
Cloud	–	11	4	1	13	8	–	2	5
Coffey	1	3	7	4	3	5	–	1	1
Comanche	–	3	5	–	3	3	–	–	1
Cowley	2	21	3	9	18	17	2	5	10
Crawford	–	47	4	4	14	23	–	2	6
Decatur	1	4	1	1	5	1	–	1	2
Dickinson	–	20	3	5	17	15	–	5	1
Doniphan	–	12	9	2	7	4	–	–	–
Douglas	2	37	6	4	14	18	–	7	2
Edwards	1	7	–	1	2	2	1	1	1
Elk	–	1	–	–	–	4	–	–	2
Ellis	1	11	4	4	4	12	–	2	2
Ellsworth	–	6	–	1	8	2	–	–	1
Finney	–	7	6	2	5	8	–	–	2
Ford	1	11	1	4	10	11	5	1	1
Franklin	1	24	5	1	8	12	–	1	–
Geary	1	14	2	5	10	5	–	4	2
Gove	–	3	–	1	1	3	–	–	1
Graham	–	3	–	–	–	3	2	1	–
Grant	–	1	1	–	2	2	–	–	–
Gray	–	4	1	–	5	2	–	–	1
Greeley	–	–	–	2	1	–	–	–	–
Greenwood	–	7	–	1	2	5	–	1	2
Hamilton	–	1	–	–	1	–	–	–	1
Harper	–	7	2	1	5	3	–	–	2
Harvey	4	26	4	3	18	8	2	2	5
Haskell	–	–	–	–	–	2	–	1	1
Hodgeman	–	3	–	–	–	1	–	–	–
Jackson	–	6	–	1	4	3	–	1	3
Jefferson	–	13	2	–	11	11	–	–	2
Jewell	–	7	–	–	2	2	–	–	2
Johnson	8	137	41	22	58	76	11	9	22
Kearny	–	–	–	1	–	2	–	–	–
Kingman	–	6	–	2	2	1	1	–	1
Kiowa	–	8	–	1	1	1	–	2	–
Labette	–	21	4	5	17	17	–	2	5
Lane	–	–	–	2	5	3	–	–	–
Leavenworth	3	24	3	4	13	25	–	4	10
Lincoln	–	7	1	1	2	2	–	1	–
Linn	–	11	–	1	8	2	1	1	3
Logan	–	2	–	1	1	–	–	–	–

TABLE 45
SELECTED CAUSES OF DEATH BY COUNTY OF RESIDENCE
KANSAS, 1992

County of Residence	Selected Causes of Death								
	Hypertension w,w/out Renal Disease (401,403)	Cerebrovascular Disease (430–438)	Atherosclerosis (440)	Other Diseases of Arteries, Arterioles and Capillaries (441–448)	Pneumonia and Influenza (480–487)	Chronic Obstructive Pulmonary Diseases and Allied Conditions (490–496)	Ulcer of Stomach and Duodenum (531–533)	Chronic Liver Disease and Cirrhosis (571)	Nephritis, Nephrotic Syndrome and Nephrosis (580–589)
Lyon	2	24	2	3	14	10	3	1	6
Marion	1	12	3	–	11	1	1	2	1
Marshall	–	14	–	4	5	7	–	–	1
McPherson	–	19	5	4	19	10	1	2	2
Meade	–	5	1	–	1	2	–	1	1
Miami	1	13	3	3	9	14	–	–	3
Mitchell	–	6	–	–	6	4	–	–	1
Montgomery	2	38	2	2	20	12	4	2	7
Morris	–	2	1	–	5	2	1	1	1
Morton	–	–	–	1	–	–	–	1	–
Nemaha	2	20	–	1	4	4	1	1	1
Neosho	1	22	1	1	13	5	1	–	6
Ness	1	5	–	–	3	1	–	–	4
Norton	1	10	3	3	4	3	1	–	–
Osage	–	19	1	2	19	5	2	1	–
Osborne	1	2	–	2	1	1	–	1	1
Ottawa	1	11	3	1	1	4	–	–	1
Pawnee	–	4	4	2	5	2	–	–	–
Phillips	–	8	5	1	5	3	–	–	–
Pottawatomie	2	10	2	4	6	5	–	–	3
Pratt	–	9	1	1	3	7	–	–	–
Rawlins	1	3	–	–	1	2	–	–	1
Reno	2	44	3	5	22	21	–	4	7
Republic	–	13	1	4	3	4	–	–	1
Rice	–	10	1	4	6	12	–	1	3
Riley	3	21	2	5	8	5	1	–	2
Rooks	–	9	–	1	1	2	1	–	1
Rush	–	5	2	2	3	5	1	1	3
Russell	–	6	–	1	3	3	1	1	2
Saline	–	37	1	13	18	28	5	4	–
Scott	1	4	1	–	–	2	–	–	1
Sedgwick	18	212	40	51	105	169	7	29	40
Seward	–	2	8	1	4	5	–	1	1
Shawnee	12	101	6	20	45	74	6	14	17
Sheridan	–	–	–	1	–	–	–	–	–
Sherman	1	4	–	1	2	5	1	–	2
Smith	–	5	–	3	11	–	1	1	–
Stafford	1	9	–	–	1	3	–	–	–
Stanton	–	1	–	–	–	–	–	–	–
Stevens	–	3	–	2	1	6	–	1	1
Sumner	2	18	21	3	7	13	–	2	3
Thomas	–	8	–	1	5	2	–	–	2
Trego	–	5	–	1	1	1	–	1	–
Wabaunsee	–	6	–	–	3	2	–	–	1
Wallace	–	1	–	–	–	1	–	–	–
Washington	–	5	1	1	5	2	–	1	–
Wichita	–	1	–	–	2	2	–	–	–
Wilson	–	10	–	1	9	5	–	–	2
Woodson	–	6	–	–	7	3	–	1	1
Wyandotte	6	117	18	16	44	68	5	12	12

TABLE 45
SELECTED CAUSES OF DEATH BY COUNTY OF RESIDENCE
KANSAS, 1992

County of Residence	Selected Causes of Death								
	Complications of Pregnancy, Childbirth and the Puerperium (630–676)	Congenital nomalies (740–759)	Cert. Cond Originating in the Perinatal Period (760–779)	Symptoms, Signs and Ill-Defined Conditions (780–799)	Motor Vehicle Accidents (E810–E825)	All Other Accidents and Adverse Effects (E800–E807, E826–E949)	Suicide (E950–E959)	Homicide and Legal Intervention (E960–E978)	All Other Causes
Kansas	2	120	139	340	416	438	310	157	2,245
Allen	–	–	1	3	3	4	3	–	19
Anderson	–	1	–	2	2	3	–	–	9
Atchison	–	–	–	–	6	2	4	3	25
Barber	–	–	–	–	3	1	–	–	8
Barton	–	1	3	3	1	6	3	–	34
Bourbon	–	1	2	3	4	5	2	–	24
Brown	–	–	1	1	7	1	2	–	12
Butler	–	1	5	2	7	7	6	3	32
Chase	–	–	–	–	–	–	–	–	5
Chautauqua	–	–	–	1	–	1	1	–	7
Cherokee	–	1	1	1	8	4	4	1	28
Cheyenne	–	–	–	–	–	2	–	–	11
Clark	–	–	–	1	–	2	–	–	5
Clay	–	1	–	7	2	1	1	1	16
Cloud	–	–	–	4	7	8	1	–	18
Coffey	–	–	–	2	–	3	1	–	8
Comanche	–	–	–	–	–	1	–	–	–
Cowley	–	5	2	7	8	10	2	–	50
Crawford	–	2	1	1	10	5	3	2	38
Decatur	–	–	–	–	1	1	5	–	11
Dickinson	–	1	1	1	2	7	1	1	22
Doniphan	–	–	–	2	3	–	1	–	2
Douglas	–	2	4	19	9	6	7	2	48
Edwards	–	–	–	–	–	1	2	–	7
Elk	–	–	–	–	–	3	–	–	4
Ellis	–	1	1	1	4	5	3	–	19
Ellsworth	–	–	–	2	2	1	2	1	8
Finney	–	3	1	–	6	7	2	2	10
Ford	–	–	2	1	9	7	3	2	30
Franklin	–	–	2	4	1	3	3	1	15
Geary	–	5	5	1	6	5	5	3	14
Gove	–	–	–	–	–	1	–	–	–
Graham	–	–	–	1	1	–	–	–	4
Grant	–	–	–	1	–	1	1	–	5
Gray	–	–	–	–	–	1	–	–	4
Greeley	–	–	–	–	–	–	–	–	1
Greenwood	–	–	–	1	1	–	–	–	8
Hamilton	–	–	–	–	1	1	–	–	11
Harper	–	–	–	–	2	2	3	–	8
Harvey	–	1	4	5	3	2	7	–	24
Haskell	–	–	1	–	1	–	–	–	3
Hodgeman	–	–	–	–	1	2	–	–	2
Jackson	–	–	1	2	3	2	4	1	7
Jefferson	–	–	2	–	5	2	4	–	14
Jewell	–	–	–	2	1	1	–	–	5
Johnson	–	17	14	18	25	22	37	14	198
Kearny	–	–	1	–	–	–	1	–	2
Kingman	–	–	2	1	–	4	1	–	12
Kiowa	–	–	1	–	1	–	–	–	6
Labette	–	–	–	3	4	7	5	–	35
Lane	–	–	–	–	–	1	–	–	2
Leavenworth	–	1	2	4	12	12	13	1	39
Lincoln	–	–	–	1	1	3	–	–	6
Linn	–	1	–	2	3	2	–	–	12
Logan	–	–	–	–	–	1	–	–	3

TABLE 46
SELECTED CAUSES OF DEATH BY COUNTY OF RESIDENCE
KANSAS, 1992

County of Residence	Selected Causes of Death								
	Complications of Pregnancy, Childbirth and the Puerperium (630–676)	Congenital nomalies (740–759)	Cert. Cond Originating in the Perinatal Period (760–779)	Symptoms, Signs and Ill-Defined Conditions (780–799)	Motor Vehicle Accidents (E810–E825)	All Other Accidents and Adverse Effects (E800–E807, E826–E949)	Suicide (E950–E959)	Homicide and Legal Intervention (E960–E978)	All Other Causes
Lyon	–	1	–	2	5	8	2	1	18
Marion	–	1	–	3	6	4	–	–	20
Marshall	–	–	–	1	–	1	–	–	17
McPherson	–	4	2	1	12	3	3	1	47
Meade	–	–	–	1	3	1	–	–	11
Miami	–	1	3	1	13	7	5	–	18
Mitchell	–	–	–	–	1	1	1	–	9
Montgomery	–	2	3	4	11	10	3	1	69
Morris	–	–	–	–	–	3	–	–	9
Morton	–	–	–	1	1	1	–	–	2
Nemaha	–	1	–	1	–	2	–	–	13
Neosho	–	1	–	7	6	4	5	–	28
Ness	–	1	–	–	1	–	–	–	8
Norton	–	–	–	2	1	3	2	–	4
Osage	–	2	–	1	2	1	–	–	15
Osborne	–	–	–	–	–	7	–	–	3
Ottawa	–	–	–	–	–	2	3	–	3
Pawnee	–	2	–	–	3	3	1	–	12
Phillips	–	–	–	–	3	3	1	–	12
Pottawatomie	–	1	–	1	3	4	1	–	9
Pratt	–	1	–	2	4	1	–	–	13
Rawlins	–	–	–	–	–	–	–	–	5
Reno	–	1	1	4	18	12	9	2	73
Republic	–	–	–	9	1	1	1	1	13
Rice	–	–	4	1	3	1	3	–	20
Riley	–	1	3	1	3	8	2	–	25
Rooks	–	–	–	1	–	2	1	–	7
Rush	–	–	–	–	–	–	–	–	7
Russell	–	–	–	1	–	3	–	–	17
Saline	–	2	5	5	5	4	11	2	34
Scott	–	–	2	–	2	1	–	–	6
Sedgwick	1	31	32	46	68	67	48	39	317
Seward	–	2	1	2	7	5	2	2	14
Shawnee	–	6	3	25	16	17	21	14	162
Sheridan	–	–	–	1	–	–	1	–	1
Sherman	–	–	–	1	3	3	2	–	7
Smith	–	1	–	1	2	3	–	–	7
Stafford	–	–	–	2	1	2	1	–	3
Stanton	–	1	–	–	1	–	–	–	2
Stevens	–	–	–	–	3	–	1	–	2
Sumner	–	1	1	5	9	11	1	1	33
Thomas	–	–	–	–	1	1	–	–	7
Trego	–	–	–	1	2	–	1	–	6
Wabaunsee	–	–	1	–	–	2	–	–	11
Wallace	–	–	–	–	2	–	–	–	2
Washington	–	–	–	–	1	2	3	–	14
Wichita	–	–	–	–	1	2	2	–	5
Wilson	–	1	1	2	1	2	1	–	8
Woodson	–	–	–	3	1	4	–	–	10
Wyandotte	1	10	17	91	16	37	27	55	141

Marriages

MARRIAGE HIGHLIGHTS

- In 1992, 21,845 marriages occurred in Kansas, an increase of 0.3 percent from the 1991 total of 21,786 marriages. (Table 46)

- The Kansas marriage rate in 1992 was 8.7 marriages per 1,000 population, which was 21.6 percent lower than the 1982 rate of 11.1. The 1992 rate was 5.4 percent lower than the estimated U.S. rate of 9.2 marriages per 1,000 population. (Figure 33)

- In Kansas during 1992, 8 percent of the brides and 11 percent of the grooms were out-of-state residents. In three-quarters of the marriages in 1992, the bride (78 percent) and groom (77 percent) were residents of the same Kansas county. (Figure 34)

- The greatest number of marriages (4,278) occurred in Sedgwick county, but Geary county had the highest marriage rate of 22.1 marriages per 1,000 population. The least number of marriages (7) occurred in Hamilton county, with Hamilton also having the lowest marriage rate of 3.0 marriages per 1,000 population. (Table 46, Figure 35)

- More wedding ceremonies were performed in June (11.7 percent) than any other month in 1992, with May and August being the second and third most popular months. (Figure 36)

- Kansas couples are delaying marriage. In 1982, 21.7 percent of the brides and 8.6 percent of the grooms were under 20 years of age. However, in 1992, 11.9 percent of the brides and 4.5 percent of the grooms were under 20. (Table 47)

- The average age of all brides in 1992 was 28.8 years and that of grooms was 30.9 years. Women marrying for the first time averaged 23.7 years while first time grooms averaged 25.9 years. Of those persons who remarried during 1992, women were, on the average, 36.6 years old and men were 39.6 years of age. (Figure 38)

- Fifty-one (51.2) percent of the marriages in 1982 were first-time marriages for both partners. In 1992, only 48.1 percent were first-time marriages. (Table 48, Figure 39)

- Most of the marriages (95.3 percent) performed in Kansas during 1992 were between partners of the same race. Of the interracial marriages, the most common racial combination (355) was between a black groom and a white bride. (Table 49)

- The majority of brides (87.6 percent) and grooms (89.0 percent) married in Kansas in 1992 were high school graduates or above in educational level. (Table 50)

TABLE 46

MARRIAGES BY NUMBER AND RATE*

BY COUNTY OF MARRIAGE

KANSAS, 1988–1992

County of Marriage	Year										5-Year
	1988		1989		1990		1991		1992		
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Rate
Kansas	22,705	9.1	22,214	8.8	22,720	9.2	21,786	8.7	21,845	8.7	8.9
Allen	144	9.6	109	7.4	131	8.9	115	7.9	124	8.6	8.5
Anderson	82	10.0	61	7.5	66	8.5	70	9.0	39	5.1	8.0
Atchison	163	9.2	166	9.3	139	8.2	156	9.3	193	11.6	9.5
Barber	51	8.1	63	10.2	48	8.2	60	10.3	57	9.9	9.3
Barton	296	9.8	281	9.4	299	10.2	278	9.5	267	9.2	9.6
Bourbon	137	9.0	150	9.9	146	9.8	133	8.9	121	8.2	9.2
Brown	103	9.0	89	7.8	95	8.5	113	10.2	108	9.8	9.1
Butler	353	7.0	322	6.3	368	7.3	384	7.0	290	5.6	6.6
Chase	28	9.0	34	11.0	27	8.9	28	9.7	20	6.8	9.1
Chautauqua	43	9.6	49	11.1	40	9.1	49	11.4	30	7.0	9.6
Cherokee	172	7.8	161	7.3	148	6.9	173	8.0	177	8.3	7.7
Cheyenne	34	10.0	20	5.9	28	8.0	31	9.4	16	5.1	7.7
Clark	26	10.4	17	6.8	24	9.9	18	7.5	11	4.6	7.8
Clay	64	7.0	73	8.1	84	9.2	54	5.9	57	6.4	7.3
Cloud	96	8.4	104	9.2	104	9.4	77	7.1	85	7.9	8.4
Coffey	77	8.8	73	8.5	78	9.3	81	9.5	62	7.5	8.7
Comanche	21	8.8	21	8.8	15	6.5	21	9.5	22	9.7	8.7
Cowley	391	10.5	360	9.7	363	9.8	383	9.9	370	10.0	10.0
Crawford	229	6.2	254	6.9	272	7.6	264	7.4	315	8.9	7.4
Decatur	48	11.7	42	10.5	38	9.5	28	7.2	40	10.3	9.8
Dickinson	180	9.0	176	8.7	191	10.1	170	9.0	127	6.8	8.7
Doniphan	74	8.2	83	9.2	70	8.6	64	7.9	63	7.9	8.4
Douglas	709	9.3	748	9.6	712	8.7	716	8.6	794	9.3	9.1
Edwards	33	8.5	39	10.0	17	4.5	31	8.4	24	6.5	7.6
Elk	25	7.1	24	6.9	18	5.4	24	7.5	19	5.8	6.5
Ellis	177	6.7	224	8.5	245	9.4	245	9.5	229	8.8	8.6
Ellsworth	55	8.9	57	9.2	67	10.2	69	10.6	46	7.0	9.2
Finney	295	9.5	303	9.6	317	9.6	340	10.2	364	10.0	9.8
Ford	281	10.8	283	10.9	272	9.9	309	11.2	292	10.2	10.6
Franklin	192	8.5	180	8.0	175	8.0	178	8.0	179	8.1	8.1
Geary	769	26.3	648	22.3	790	25.9	520	17.8	688	22.1	22.9
Gove	26	7.6	20	5.9	15	4.6	18	5.5	9	2.9	5.3
Graham	37	10.3	26	7.4	46	13.0	26	7.4	15	4.3	8.5
Grant	57	8.3	57	8.3	65	9.1	49	6.6	67	9.3	8.3
Gray	42	7.6	41	7.5	55	10.2	39	7.2	37	6.8	7.9
Greeley	11	6.5	8	4.7	12	6.8	7	3.9	9	5.1	5.4
Greenwood	58	7.3	54	6.9	62	7.9	64	8.1	43	5.6	7.2
Hamilton	29	12.6	20	8.7	20	8.4	14	6.1	7	3.0	7.8
Harper	56	7.7	54	7.5	48	6.7	52	7.4	58	8.3	7.5
Harvey	317	10.3	283	9.2	299	9.6	287	9.2	248	7.9	9.2
Haskell	30	7.7	39	10.0	38	9.8	31	7.9	36	9.3	8.9
Hodgeman	15	6.8	14	6.4	9	4.1	9	4.1	9	4.1	5.1
Jackson	90	7.6	80	6.7	84	7.3	66	5.7	72	6.2	6.7
Jefferson	123	7.3	132	7.7	135	8.5	126	7.9	104	6.4	7.6
Jewell	34	7.7	28	6.5	29	6.8	38	9.3	21	5.1	7.1
Johnson	2,783	8.1	2,821	7.9	2,776	7.8	2,715	7.4	2,778	7.3	7.7
Kearny	33	8.3	31	7.8	26	6.5	19	4.8	31	7.4	7.0
King	85	9.7	59	6.7	68	8.2	76	9.2	61	7.4	8.2
Kiowa	29	8.1	37	10.6	38	10.4	26	7.2	25	6.9	8.6
Labette	180	6.3	181	6.4	177	7.5	178	7.5	162	6.9	6.9
Lane	18	7.5	20	8.3	22	9.3	17	7.4	19	8.1	8.1
Leavenworth	521	7.8	467	6.8	497	7.7	509	7.6	471	7.1	7.4
Lincoln	33	9.4	19	5.6	22	6.0	28	8.0	17	4.8	6.8
Linn	60	7.2	54	6.5	63	7.6	65	7.7	45	5.4	6.9
Logan	31	10.0	27	8.7	25	8.1	25	8.1	23	7.6	8.5

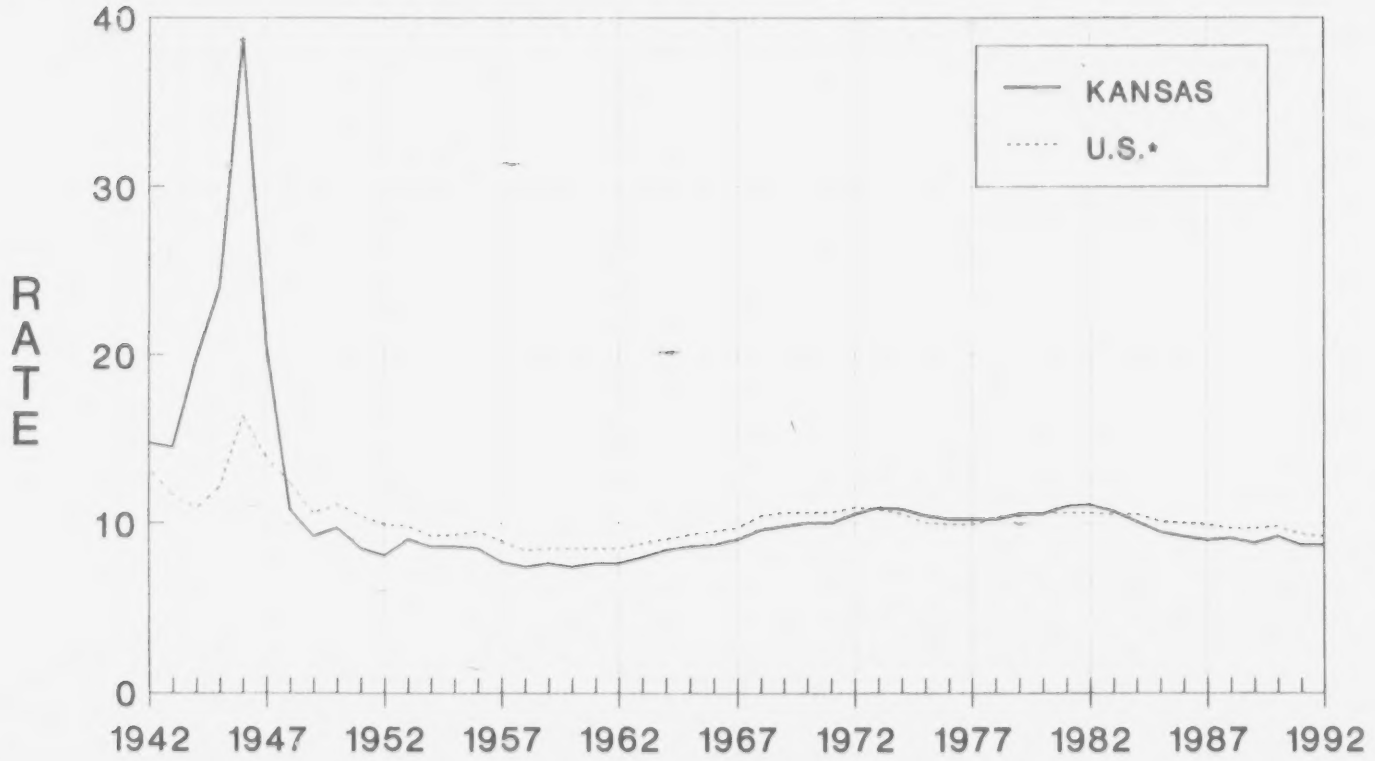
TABLE 46

MARRIAGES BY NUMBER AND RATE*
BY COUNTY OF MARRIAGE
KANSAS, 1988–1992

County of Marriage	Year										5-Year
	1988		1989		1990		1991		1992		
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Rate
Lyon	291	8.4	278	8.1	294	8.5	255	7.4	354	10.1	8.5
Marion	105	8.2	80	6.3	110	8.5	94	7.3	80	6.3	7.3
Marshall	115	9.3	107	8.8	92	7.9	99	8.6	96	8.4	8.6
McPherson	249	9.2	242	9.0	245	9.0	196	7.2	210	7.6	8.4
Meade	42	9.5	43	10.0	40	9.4	19	4.4	21	5.0	7.7
Miami	204	8.5	186	7.7	204	8.7	148	6.2	203	8.4	7.9
Mitchell	66	8.9	61	8.4	57	7.9	65	9.0	59	8.4	8.5
Montgomery	331	8.1	358	8.8	344	8.9	361	9.3	342	8.9	8.8
Morris	53	8.2	73	11.2	73	11.8	45	7.1	43	7.0	9.1
Morton	24	6.9	44	12.6	28	8.0	26	7.6	36	10.5	9.1
Nemaha	73	6.8	84	7.8	88	8.2	84	8.0	74	7.1	7.6
Neosho	129	7.1	130	7.3	125	7.3	135	7.8	122	7.3	7.4
Ness	33	7.9	33	8.0	25	6.2	31	7.8	19	4.8	6.9
Norton	51	8.2	57	9.3	71	11.9	73	12.6	52	9.0	10.2
Osage	129	8.0	111	6.9	133	8.7	114	7.4	99	6.5	7.5
Osborne	38	7.3	40	7.8	33	6.8	31	6.2	20	4.2	6.5
Ottawa	57	9.8	55	9.5	49	8.7	38	6.8	32	5.7	8.1
Pawnee	67	8.9	55	7.4	47	6.2	56	7.4	46	6.2	7.2
Phillips	58	8.4	53	7.7	67	10.2	63	9.7	56	8.6	8.9
Pottawatomie	111	6.8	117	7.1	112	6.9	125	7.6	72	4.4	6.6
Pratt	79	7.7	85	8.4	74	7.6	89	9.3	86	9.0	8.4
Rawlins	33	8.9	24	6.5	22	6.5	20	5.9	17	5.1	6.6
Reno	656	10.1	591	9.1	648	10.4	588	9.4	519	8.4	9.5
Republic	58	8.4	52	7.6	52	8.0	51	8.0	38	6.0	7.6
Rice	81	7.4	88	8.1	75	7.1	70	6.7	73	7.0	7.3
Riley	496	7.9	525	8.4	546	8.1	480	7.5	618	9.1	8.2
Rooks	67	10.8	59	9.7	46	7.6	46	7.5	24	4.1	7.9
Rush	28	7.4	24	6.5	29	7.5	27	7.1	24	6.4	7.0
Russell	57	7.2	45	[illegible]	48	6.1	69	8.8	49	6.4	6.9
Saline	537	10.7	519	[illegible]	573	11.6	516	10.3	569	11.6	10.9
Scott	42	7.8	35	6.6	42	7.9	41	7.7	38	7.3	7.5
Sedgwick	4,224	10.5	4,191	10.3	4,229	10.5	4,224	10.3	4,278	10.4	10.4
Seward	228	12.3	213	11.5	211	11.3	196	10.5	209	10.8	11.3
Shawnee	1,458	8.8	1,462	8.8	1,584	9.7	1,440	8.9	1,543	9.4	9.1
Sheridan	16	5.0	15	4.7	20	6.6	18	5.3	19	6.4	5.6
Sherman	65	9.6	59	8.8	63	9.1	39	5.7	78	11.5	8.9
Smith	48	9.1	41	7.7	43	8.5	36	7.5	24	4.8	7.5
Stafford	36	6.8	35	6.7	39	7.3	32	6.2	34	6.4	6.7
Stanton	16	6.7	25	10.4	22	9.4	22	9.2	16	6.8	8.5
Stevens	39	8.0	42	8.6	52	10.3	38	7.5	39	7.6	8.4
Sumner	229	8.9	264	10.3	259	10.0	247	9.5	178	6.8	9.1
Thomas	60	7.1	61	7.3	68	8.2	70	8.4	70	8.5	7.9
Trego	21	5.4	30	7.9	23	6.2	21	5.8	18	5.0	6.1
Wabaunsee	43	6.4	42	6.3	46	7.0	62	9.5	25	3.8	6.6
Wallace	13	6.5	12	6.0	19	10.4	20	11.1	16	8.9	8.6
Washington	46	6.1	44	5.9	47	6.6	40	5.7	38	5.5	6.0
Wichita	17	5.9	17	5.9	18	6.5	19	7.0	19	7.0	6.5
Wilson	81	7.2	77	6.9	82	8.0	88	8.7	88	8.7	7.9
Woodson	37	9.3	22	5.6	32	7.8	19	4.8	22	5.5	6.6
Wyandotte	1,642	9.5	1,542	8.9	1,477	9.1	1,477	9.2	1,444	8.9	9.1

*Rate per 1,000 population

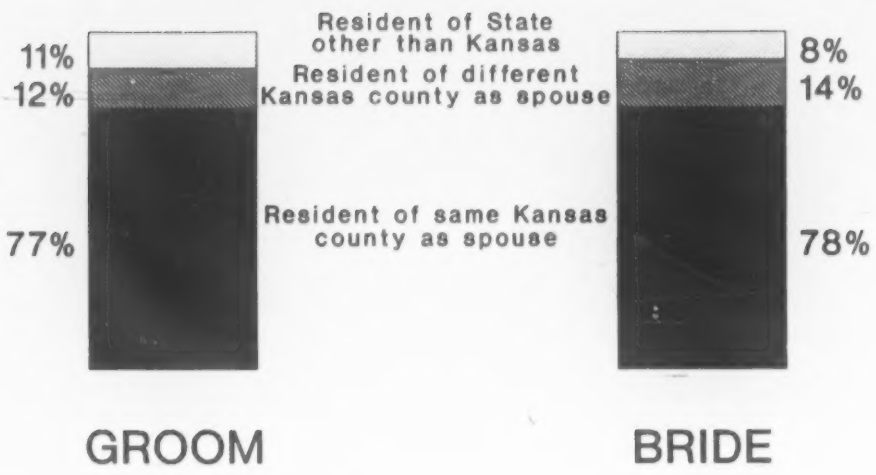
MARRIAGE RATES
KANSAS AND THE U.S., 1942-1992



*1989-92 RATES PROVISIONAL
RATE PER 1,000 POPULATION
OCCURRENCE DATA

Figure 33

MARRIAGES BY CATEGORY OF RESIDENCE
OF BRIDE AND GROOM
KANSAS, 1992

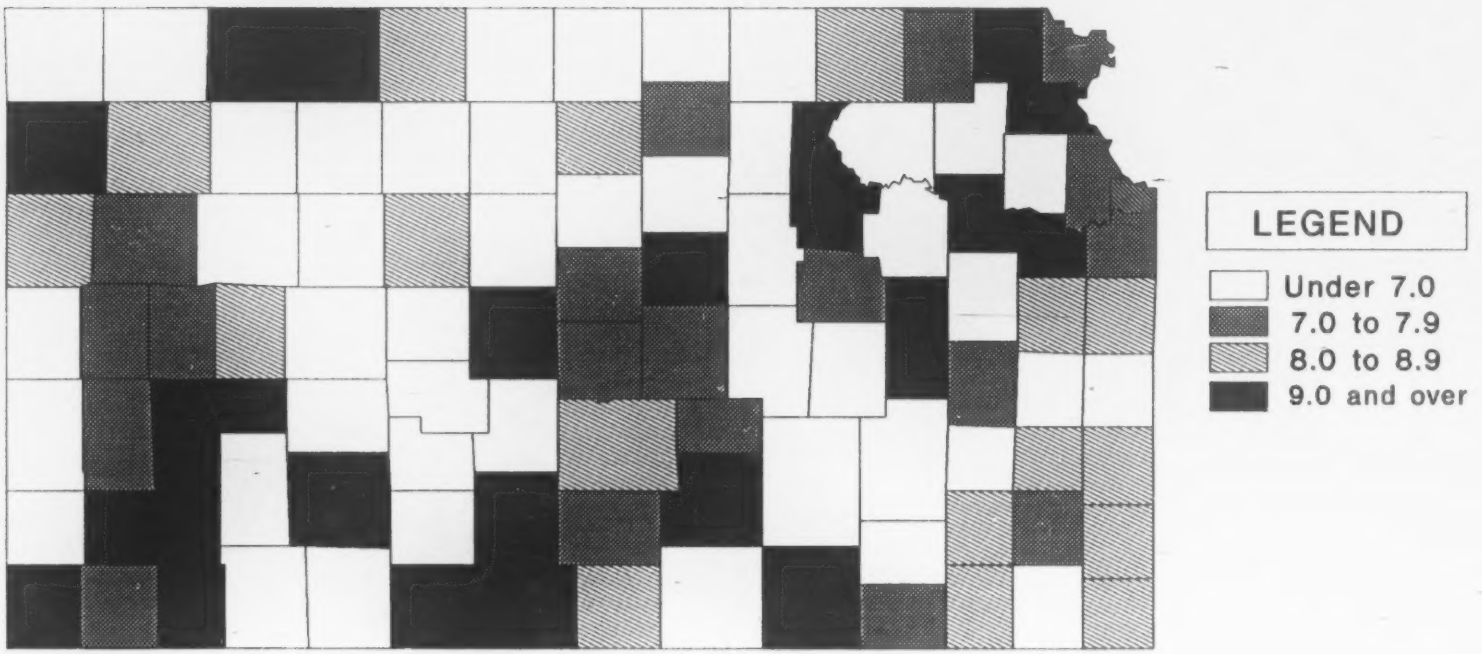


OCCURRENCE DATA

Figure 34

MARRIAGE RATES BY COUNTY OF MARRIAGE

KANSAS, 1992



MARRIAGES PER 1,000 POPULATION
OCCURRENCE DATA

STATE RATE: 8.7

Figure 35

NUMBER OF MARRIAGES BY MONTH
KANSAS, 1992

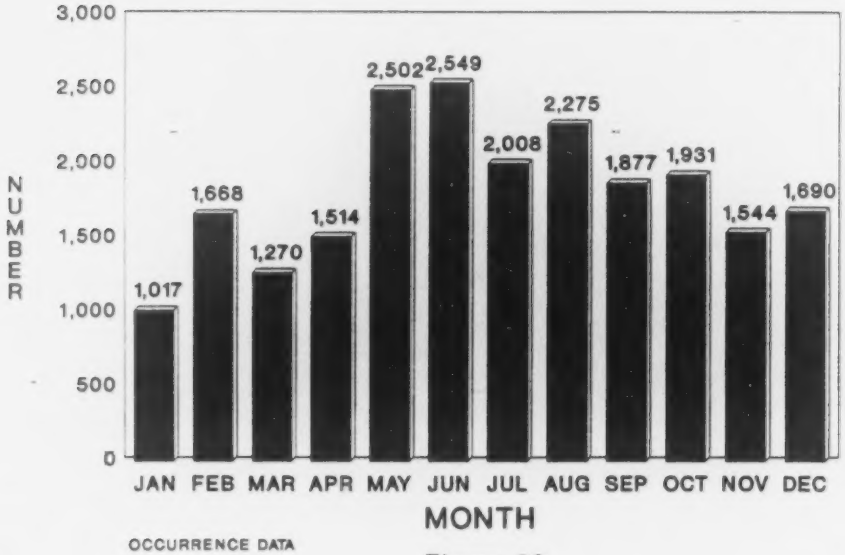


Figure 36

MARRIAGES:
PERCENT DISTRIBUTION BY AGE-GROUP
KANSAS, 1992

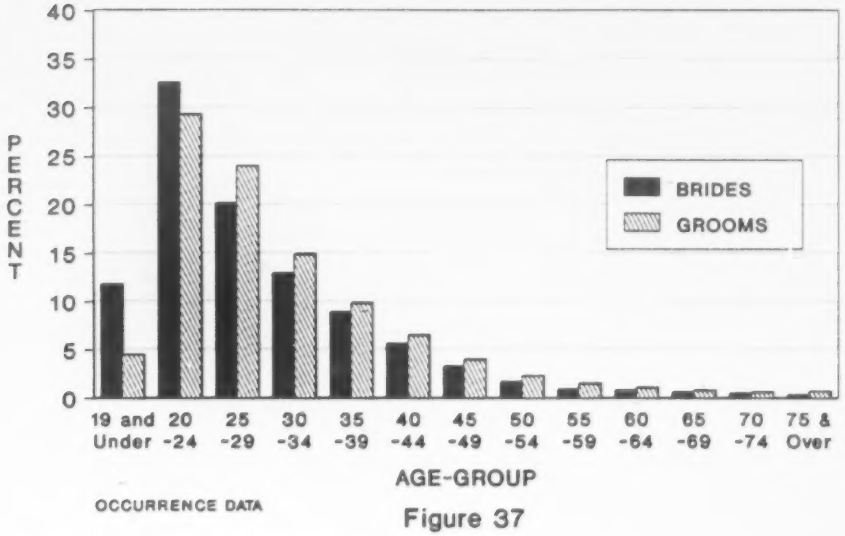


Figure 37

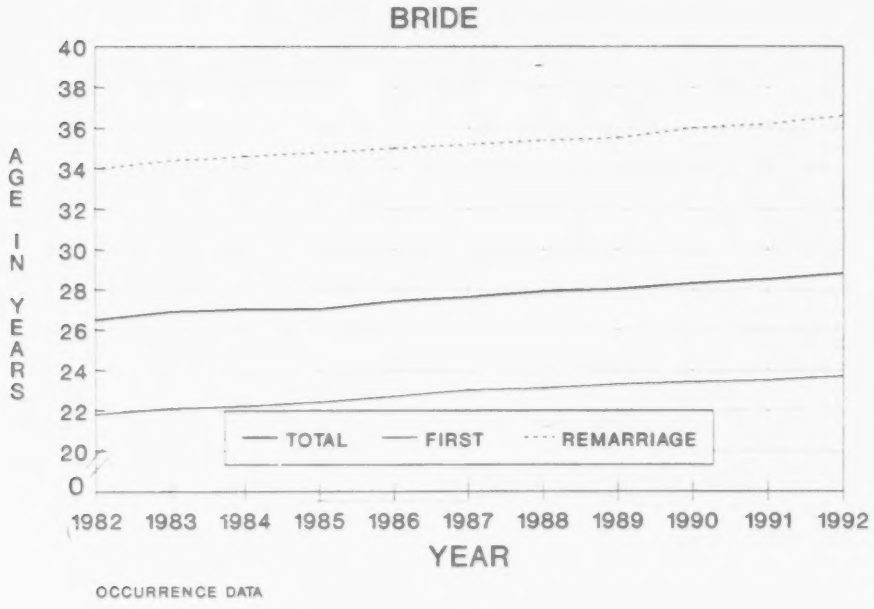
TABLE 47
MARRIAGES BY AGE-GROUP OF BRIDE BY AGE-GROUP OF GROOM
KANSAS, 1992

Age-Group of Groom	Total	Age-Group of Bride														
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75 & Over	Not Stated
Total	21,845	8	2,585	7,115	4,388	2,825	1,936	1,229	711	362	189	183	122	102	72	18
Under 15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15-19	977	4	678	260	24	9	1	-	-	-	-	-	-	-	-	1
20-24	6,406	3	1550	3955	683	147	47	10	5	-	-	-	-	1	-	5
25-29	5,242	1	280	2110	1954	621	200	60	11	3	-	-	-	-	-	2
30-34	3,261	-	55	542	1078	994	428	117	34	6	2	1	-	-	-	4
35-39	2,140	-	15	182	431	604	560	263	65	18	1	1	-	-	-	-
40-44	1,421	-	4	50	145	281	431	345	128	31	5	1	-	-	-	-
45-49	878	-	1	12	49	118	171	251	197	56	17	5	-	1	-	-
50-54	495	-	1	1	13	32	70	111	147	84	23	10	2	-	-	1
55-59	314	-	-	1	7	10	21	41	67	79	53	26	4	3	1	1
60-64	248	-	-	1	2	4	4	23	38	51	47	50	18	8	2	-
65-69	163	-	-	-	2	1	2	1	15	23	20	51	38	8	2	-
70-74	138	-	-	-	-	1	1	3	1	5	16	24	37	40	9	1
75 & Over	154	-	-	-	-	1	-	4	2	6	5	14	23	41	58	-
Not Stated	8	-	1	1	-	2	-	-	1	-	-	-	-	-	-	3

Occurrence data

AVERAGE AGE AT MARRIAGE

KANSAS, 1982-1992



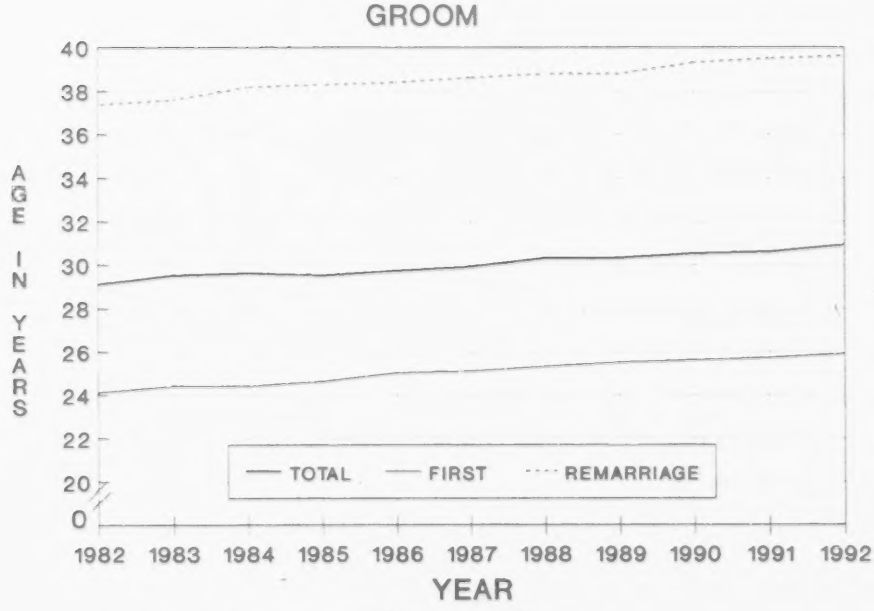


Figure 38

TABLE 48
MARRIAGES BY PREMARITAL STATUS OF BRIDE
BY PREMARITAL STATUS OF GROOM
KANSAS, 1992

Premarital Status of Groom	Total	Premarital Status of Bride				
		Never Married	Divorced	Annulled	Widowed	Not Stated
Total	21,845	12,684	8,209	159	730	63
Never Married	13,197	10,467	2,558	73	73	26
Divorced	7,740	2,092	5,273	62	297	16
Annulled	151	67	59	21	3	1
Widowed	708	50	300	3	354	1
Not Stated	49	8	19	-	3	19

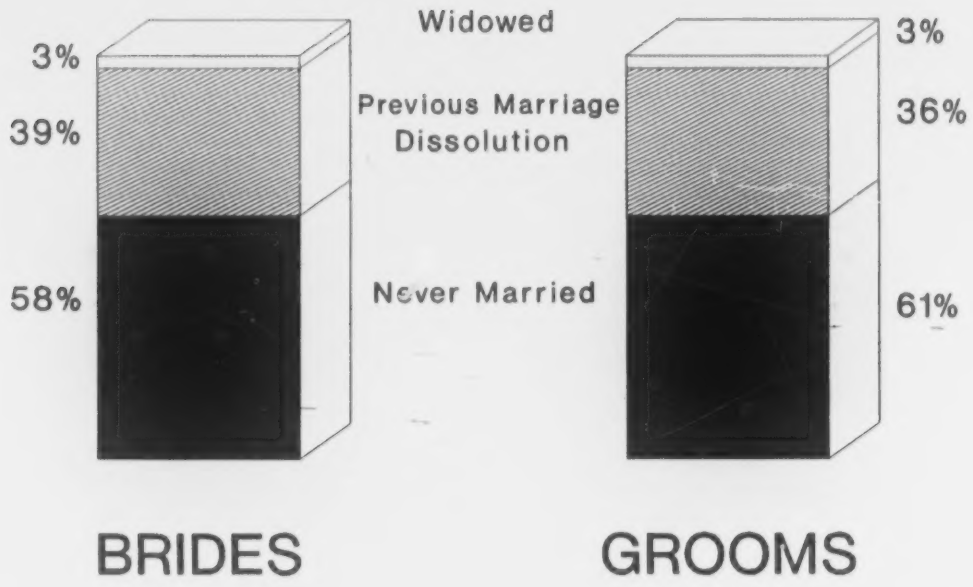
Occurrence data

TABLE 49
MARRIAGES BY RACE OF BRIDE BY RACE OF GROOM
KANSAS, 1992

Race of Groom	Total	Race of Bride			
		White	Black	Other	Not Stated
Total	21,845	20,030	1,244	527	44
White	19,785	19,409	88	273	15
Black	1,534	355	1,145	34	-
Other	483	255	9	219	-
Not Stated	43	11	2	1	29

Occurrence data

PREMARITAL STATUS OF BRIDE AND GROOM
KANSAS, 1992



OCCURRENCE DATA

Figure 39

TABLE 50
MARRIAGES BY EDUCATION OF BRIDE BY EDUCATION OF GROOM
KANSAS, 1992

Education of Bride	Total	Education of Groom																		
		Elementary									Secondary				College					Not Stated
		0	1	2	3	4	5	6	7	8	1	2	3	4	1	2	3	4	5+	
Total	21845	–	5	4	13	20	20	131	51	277	367	621	896	8618	2200	2391	1030	2991	2161	49
Elementary																				
0 years	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1 years	2	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2 years	10	–	–	1	–	1	–	1	–	1	–	–	–	5	–	–	–	1	–	–
3 years	9	–	2	–	2	–	–	2	–	–	–	1	–	1	–	1	–	–	–	–
4 years	14	–	–	–	–	4	1	2	–	1	–	1	–	4	–	–	–	–	1	–
5 years	9	–	–	–	–	1	1	5	1	1	–	–	–	–	–	–	–	–	–	–
6 years	67	–	–	1	2	2	2	24	4	4	7	2	2	13	1	2	–	1	–	–
7 years	47	–	–	–	1	–	3	4	2	4	3	7	4	13	1	2	2	1	–	–
8 years	238	–	–	–	1	1	2	10	3	52	10	15	24	88	13	9	2	7	–	1
Secondary																				
1 years	442	–	–	–	2	2	3	14	4	18	45	38	48	213	18	25	2	5	4	1
2 years	805	–	1	–	1	3	2	8	4	21	38	99	102	385	53	56	9	16	6	1
3 years	1056	–	–	1	4	1	3	15	4	17	43	82	153	519	94	75	16	19	8	2
4 years	7756	–	1	–	–	3	3	30	16	107	153	260	383	4509	694	694	211	452	225	15
College																				
1 years	2805	–	–	–	–	–	–	11	4	29	30	45	83	1013	532	422	176	267	190	3
2 years	2501	–	–	–	–	–	–	2	8	9	20	48	45	818	351	479	161	346	212	2
3 years	1198	–	–	–	–	–	–	1	1	4	3	6	18	303	146	158	158	244	155	1
4 years	3088	–	–	–	–	1	–	1	–	6	11	9	23	495	191	327	196	1240	586	2
5+ years	1762	–	–	1	–	1	–	1	–	2	4	6	11	231	104	140	96	391	772	2
Not Stated	38	–	–	–	–	–	–	–	–	1	–	2	–	8	1	1	1	1	2	19

Occurrence data

Marriage Dissolutions

MARRIAGE DISSOLUTION HIGHLIGHTS

- In 1992, 12,365 marriage dissolutions (12,037 divorces and 328 annulments) occurred in Kansas, a decrease of 1.8 percent from the 1991 total of 12,590. (Table 51 and Table 54)

- The Kansas marriage dissolution rate in 1992 was 4.9 marriage dissolutions per 1,000 population, which was 3.9 percent lower than the 1982 rate of 5.1. The 1992 rate was 4.3 percent higher than the estimated U.S. rate of 4.7 marriage dissolutions per 1,000 population. The Kansas rate has been higher than the U.S. rate since 1952. (Figure 40)

- The greatest number of marriage dissolutions (2,959) occurred in Sedgwick county, but Geary county had the highest marriage dissolution rate (14.7) per 1,000 population. Comanche county had no marriage dissolutions in 1992 and Lane county had 1 with a marriage dissolution rate of 0.4 per 1,000 population. (Table 51, Figure 41)

- The most common age-group for both husbands and wives involved in marriage dissolutions was 25-29 years. (Table 52, Figure 42)

- The average age at marriage dissolution in 1992 was 33.8 years for wives and 36.1 years for husbands, as compared to 31.4 years for wives and 34.0 years for husbands in 1982. (Figure 43)

- In 1992, over half (51.7 percent) of marriage dissolutions were to couples seeking their first divorce or annulment. The remaining 48.3 percent of marriage dissolutions were granted to couples in which at least one partner was involved in a previous dissolution. (Table 53)

- In 1992, 43.9 percent of marriages ending in divorce or annulment lasted four years or less. (Table 54, Figure 45)

- The average duration of marriages ending in divorce during 1992 was 8.7 years as compared to 8.1 years in 1982. The average duration of marriages ending in annulment during 1992 was 2.6 years as compared to 1.5 years in 1982. (Figure 46)

- There were 12,332 minor children involved as a result of marriage dissolutions in 1992. At least one minor child was reported in over half (54.2 percent) of the marriage dissolutions. (Table 55, Figure 47)

- Most of the marriage dissolutions (96.9 percent) occurring in Kansas during 1992 were between a husband and wife of the same race. (Table 56)

- Of the marriage dissolutions occurring in 1992, 34.8 percent of the husbands and 36.2 percent of the wives involved had at least one year of college level education. (Table 57)

TABLE 51
MARRIAGE DISSOLUTIONS BY NUMBER AND RATE*
BY COUNTY OF ACTION
KANSAS, 1988–1992

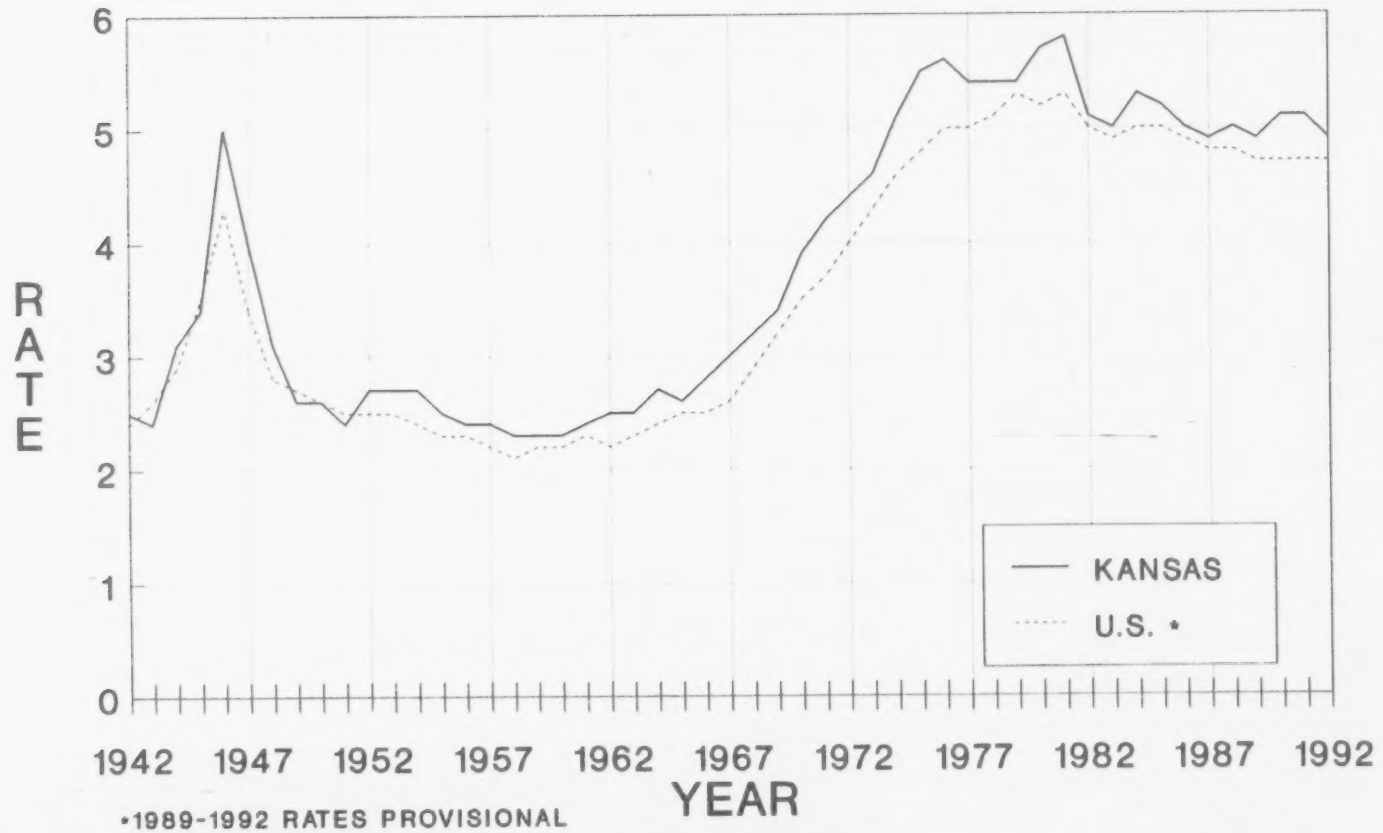
County of Residence	Year										5-Year
	1988		1989		1990		1991		1992		
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Rate
Kansas	12,475	5.0	12,296	4.9	12,580	5.1	12,590	5.0	12,365	4.9	5.0
Allen	90	6.0	67	4.5	82	5.6	68	4.7	55	3.8	4.9
Anderson	57	7.0	32	4.0	49	6.3	41	5.3	55	7.1	5.9
Atchison	104	5.8	100	5.6	80	4.7	107	6.4	93	5.6	5.6
Barber	27	4.3	33	5.3	22	3.7	27	4.7	28	4.8	4.6
Barton	128	4.2	148	5.0	185	6.3	178	6.1	163	5.6	5.4
Bourbon	88	5.8	80	5.3	95	6.3	79	5.3	78	5.3	5.6
Brown	41	3.6	56	4.9	32	2.9	46	4.1	45	4.1	3.9
Butler	173	3.4	195	3.8	195	3.9	193	3.7	199	3.8	3.7
Chase	11	3.5	6	1.9	14	4.6	11	3.8	12	4.1	3.6
Chautauqua	33	7.3	17	3.9	31	7.0	37	8.6	18	4.2	6.2
Cherokee	127	5.7	121	5.5	93	4.4	76	3.5	93	4.4	4.7
Cheyenne	7	2.1	17	5.0	13	4.0	20	6.1	9	2.9	4.0
Clark	13	5.2	7	2.8	8	3.3	10	4.2	11	4.6	4.0
Clay	35	3.8	34	3.8	42	4.6	25	2.7	37	4.1	3.8
Cloud	47	4.1	44	3.9	32	2.9	30	2.8	44	4.1	3.6
Coffey	70	8.0	64	7.4	83	9.9	97	11.4	110	13.3	10.0
Comanche	6	2.5	2	0.8	1	0.4	4	1.8	–	0.0	1.1
Cowley	224	6.0	209	5.6	237	6.4	236	6.5	212	5.7	6.0
Crawford	171	4.6	182	4.9	163	4.6	167	4.7	150	4.2	4.6
Decatur	19	4.6	9	2.3	10	2.5	13	3.3	22	5.6	3.7
Dickinson	113	5.6	83	4.1	92	4.9	91	4.8	82	4.4	4.8
Doniphan	37	4.1	38	4.2	34	4.2	29	3.6	36	4.5	4.1
Douglas	400	5.2	333	4.3	398	4.9	378	4.5	405	4.8	4.7
Edwards	18	4.6	17	4.4	15	4.0	18	4.9	13	3.5	4.3
Elk	10	2.9	13	3.7	8	2.4	17	5.3	13	4.0	3.7
Ellis	121	4.6	124	4.7	120	4.6	105	4.1	87	3.4	4.3
Ellsworth	30	4.8	24	3.9	36	5.5	33	5.1	32	4.8	4.8
Finney	244	7.9	217	6.9	188	5.7	209	6.3	197	5.4	6.4
Ford	127	4.9	107	4.1	109	4.0	110	4.0	81	2.8	4.0
Franklin	96	4.3	114	5.0	103	4.7	96	4.3	139	6.3	4.9
Geary	328	11.2	386	13.3	378	12.4	384	13.2	458	14.7	13.0
Gove	6	1.8	8	2.4	3	0.9	11	3.3	9	2.9	2.3
Graham	17	4.7	14	4.0	29	8.2	12	3.4	17	4.9	5.0
Grant	38	5.5	28	4.1	30	4.2	24	3.2	40	5.6	4.5
Gray	14	2.5	11	2.0	9	1.7	17	3.1	20	3.7	2.8
Greeley	3	1.8	6	3.5	5	2.8	4	2.2	6	3.4	2.7
Greenwood	20	2.5	17	2.2	32	4.1	51	6.5	23	3.0	3.7
Hamilton	20	8.7	8	3.5	7	2.9	8	3.5	12	5.1	4.7
Harper	30	4.1	28	3.9	24	3.4	38	5.4	32	4.6	4.3
Harvey	138	4.5	100	3.2	111	3.6	107	3.4	116	3.7	3.7
Haskell	12	3.1	13	3.3	9	2.3	11	2.8	10	2.6	2.8
Hodgeman	6	2.7	5	2.3	9	4.1	7	3.2	5	2.3	2.9
Jackson	49	4.2	46	3.9	51	4.4	46	4.0	61	5.3	4.4
Jefferson	58	3.4	46	2.7	59	3.7	53	3.3	69	4.3	3.5
Jewell	21	4.8	11	2.6	13	3.1	18	4.4	7	1.7	3.3
Johnson	1,271	3.7	1,272	3.6	1,209	3.4	1,136	3.1	1,081	2.8	3.3
Kearny	15	3.8	10	2.5	8	2.0	8	2.0	10	2.4	2.5
Kingman	31	3.5	24	2.7	41	4.9	27	3.3	28	3.4	3.6
Kiowa	14	3.9	11	3.1	12	3.3	12	3.3	10	2.8	3.3
Labette	140	5.6	111	4.4	129	5.4	137	5.8	119	5.0	5.2
Lane	6	2.5	7	2.9	8	3.4	10	4.3	1	0.4	2.7
Leavenworth	313	4.7	366	5.4	309	4.8	305	4.6	248	3.7	4.6
Lincoln	12	3.4	8	2.4	8	2.2	6	1.7	9	2.5	2.4
Linn	30	3.6	38	4.6	45	5.5	43	5.1	41	4.9	4.7
Logan	8	2.6	5	1.6	8	2.6	15	4.8	10	3.3	3.0

TABLE 51
MARRIAGE DISSOLUTIONS BY NUMBER AND RATE*
BY COUNTY OF ACTION
KANSAS, 1988–1992

County of Residence	Year										5-Year
	1988		1989		1990		1991		1992		
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Rate
Lyon	133	3.8	137	4.0	111	3.2	84	2.4	85	2.4	3.2
Marion	42	3.3	44	3.5	44	3.4	44	3.4	34	2.7	3.3
Marshall	26	2.1	36	3.0	43	3.7	35	3.0	28	2.4	2.8
McPherson	88	3.2	102	3.8	98	3.6	112	4.1	115	4.2	3.8
Meade	14	3.2	18	4.2	10	2.4	15	3.5	22	5.3	3.7
Miami	103	4.3	89	3.7	88	3.8	93	3.9	90	3.7	3.9
Mitchell	32	4.3	21	2.9	22	3.1	26	3.6	15	2.1	3.2
Montgomery	288	7.0	212	5.2	259	6.7	209	5.4	221	5.8	6.0
Morris	18	2.5	28	4.3	31	5.0	20	3.2	19	3.1	3.6
Morton	10	2.9	15	4.3	22	6.3	23	6.7	13	3.8	4.8
Nemaha	19	1.8	18	1.7	33	3.2	25	2.4	26	2.5	2.3
Neosho	64	3.5	59	3.3	99	5.8	71	4.1	53	3.2	4.0
Ness	9	2.1	10	2.4	7	1.7	11	2.8	10	2.5	2.3
Norton	31	5.0	26	4.3	25	4.2	33	5.7	22	3.8	4.6
Osage	61	3.8	56	3.5	55	3.6	43	2.8	56	3.7	3.5
Osborne	11	2.1	15	2.9	18	3.7	28	5.6	17	3.6	3.6
Ottawa	28	4.8	27	4.7	19	3.4	29	5.2	18	3.2	4.3
Pawnee	27	3.6	32	4.3	34	4.5	36	4.7	33	4.5	4.3
Phillips	18	2.6	14	2.0	31	4.7	21	3.2	21	3.2	3.1
Pottawatomie	58	3.6	70	4.3	58	3.6	58	3.5	65	3.9	3.8
Pratt	52	5.1	48	4.8	39	4.0	62	6.5	44	4.6	5.0
Rawlins	8	2.2	13	3.5	8	2.4	10	2.9	10	3.0	2.8
Reno	413	6.4	404	6.2	373	6.0	414	6.6	397	6.4	6.3
Republic	25	3.6	21	3.1	19	2.9	17	2.7	20	3.1	3.1
Rice	16	1.5	14	1.3	19	1.8	35	3.4	19	1.8	2.0
Riley	299	4.8	276	4.4	266	4.0	278	4.3	274	4.0	4.3
Rooks	21	3.4	24	3.9	23	3.8	21	3.4	12	2.0	3.3
Rush	4	1.1	4	1.1	8	2.1	10	2.6	8	2.1	1.8
Russell	34	4.3	26	3.4	37	4.7	20	2.6	25	3.3	3.7
Saline	317	6.3	326	6.5	348	7.1	330	6.6	343	7.0	6.7
Scott	15	2.8	19	3.6	21	4.0	10	1.9	21	4.0	3.3
Sedgwick	2,850	7.1	2,946	7.2	2,954	7.3	2,991	7.3	2,959	7.2	7.2
Seward	124	6.7	95	5.1	110	5.9	99	5.3	103	5.3	5.7
Shawnee	671	4.1	641	3.9	677	4.2	828	5.1	853	5.2	4.5
Sheridan	7	2.2	12	3.8	5	1.6	10	3.3	11	3.7	2.9
Sherman	42	6.2	43	6.4	42	6.1	31	4.6	38	5.6	5.8
Smith	23	4.3	7	1.3	13	2.6	9	1.9	7	1.4	2.3
Stafford	20	3.8	21	4.0	17	3.2	21	4.0	19	3.6	3.7
Stanton	15	6.3	9	3.8	13	5.6	10	4.2	8	3.4	4.7
Stevens	29	5.9	27	5.5	25	5.0	28	5.5	25	4.9	5.4
Sumner	87	3.4	93	3.6	90	3.5	106	4.1	101	3.9	3.7
Thomas	35	4.2	46	5.5	31	3.8	42	5.1	32	3.9	4.5
Trego	16	4.1	18	4.7	7	1.9	6	1.7	6	1.7	2.8
Wabaunsee	18	2.7	22	3.3	11	1.7	13	2.0	17	2.6	2.5
Wallace	5	2.5	5	2.5	2	1.1	3	1.7	3	1.7	1.9
Washington	14	1.9	15	2.0	13	1.8	13	1.9	14	2.0	1.9
Wichita	5	1.7	6	2.1	15	5.4	8	3.0	10	3.7	3.2
Wilson	44	3.9	65	5.9	73	7.1	53	5.2	51	5.1	5.4
Woodson	8	2.0	14	3.6	7	1.7	19	4.8	9	2.2	2.9
Wyandotte	913	5.3	935	5.4	1,091	6.7	1,036	6.5	1,002	6.2	6.0

*Rate per 1,000 population

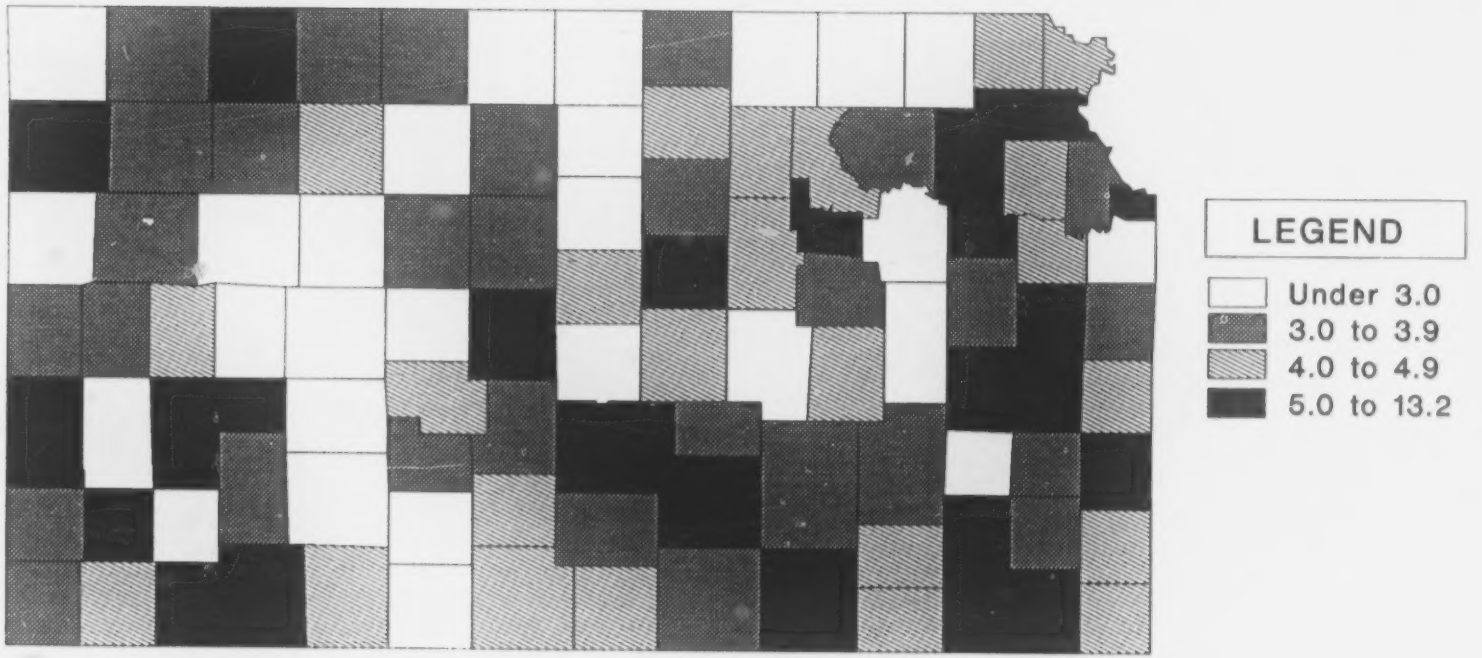
MARRIAGE DISSOLUTION RATES
KANSAS AND THE U.S., 1942-1992



*1989-1992 RATES PROVISIONAL
RATE PER 1,000 POPULATION
OCCURRENCE DATA

Figure 40

MARRIAGE DISSOLUTION RATES BY COUNTY OF ACTION
KANSAS, 1992



MARRIAGE DISSOLUTIONS PER 1,000 POPULATION
OCCURRENCE DATA

STATE RATE: 4.9

Figure 41

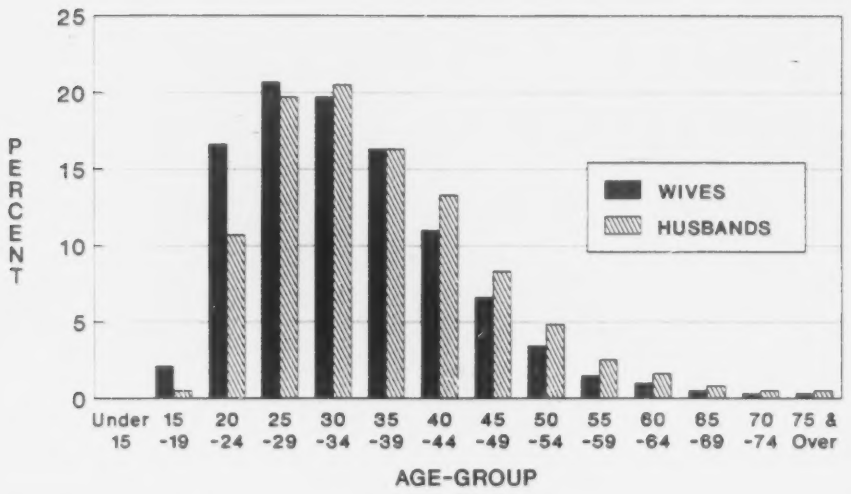
TABLE 52
MARRIAGE DISSOLUTIONS BY AGE-GROUP OF WIFE BY AGE-GROUP OF HUSBAND
KANSAS, 1992

Age-Group of Husband	Total	Age-Group of Wife														
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75 & Over	Not Stated
Total	12,365	-	247	1,978	2,478	2,352	1,948	1,318	793	402	181	115	64	38	36	415
Under 15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15-19	60	-	39	16	1	2	-	-	-	-	-	-	-	-	-	2
20-24	1,293	-	157	898	155	36	14	2	2	-	-	1	-	-	-	28
25-29	2,380	-	32	790	1,148	231	84	21	7	3	1	-	-	-	-	63
30-34	2,471	-	7	166	800	1,061	279	71	26	1	1	-	-	-	-	59
35-39	1,959	-	1	46	212	643	755	171	51	12	6	2	-	-	1	59
40-44	1,599	-	1	12	65	220	531	553	130	27	7	8	1	-	-	44
45-49	1,004	-	-	7	32	79	153	321	308	46	14	9	3	1	1	30
50-54	575	-	1	4	7	24	60	109	161	164	22	7	2	-	-	14
55-59	306	-	-	1	4	7	27	29	61	83	69	9	6	1	1	8
60-64	193	-	-	-	3	5	6	14	22	38	41	43	11	3	2	5
65-69	97	-	-	-	-	1	4	5	6	18	11	17	22	6	1	6
70-74	62	-	-	-	-	2	1	1	5	3	6	11	12	12	6	3
75 & Over	54	-	-	-	-	-	-	1	2	2	2	4	5	15	19	4
Not Stated	312	-	9	38	51	41	34	20	12	5	1	4	2	-	5	90

Occurrence data

MARRIAGE DISSOLUTIONS: PERCENT DISTRIBUTION BY AGE-GROUP

KANSAS, 1992

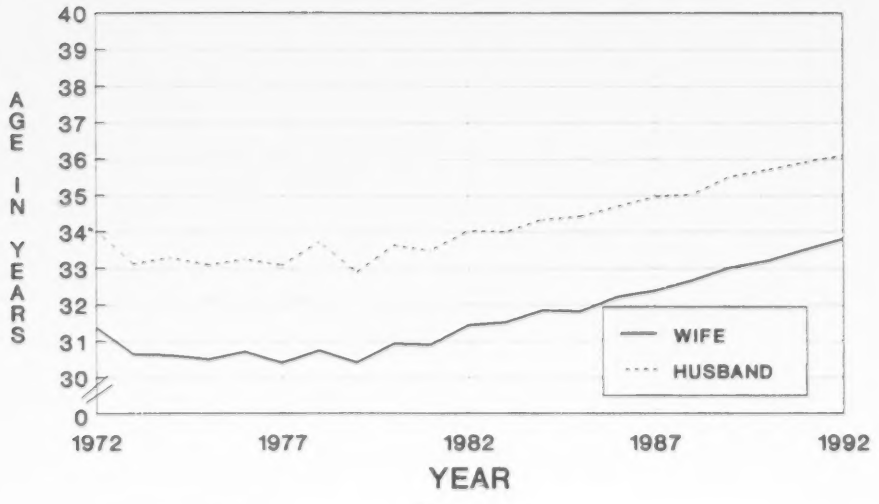


OCCURRENCE DATA

Figure 42

AVERAGE AGE AT MARRIAGE DISSOLUTION

KANSAS, 1972-1992



OCCURRENCE DATA

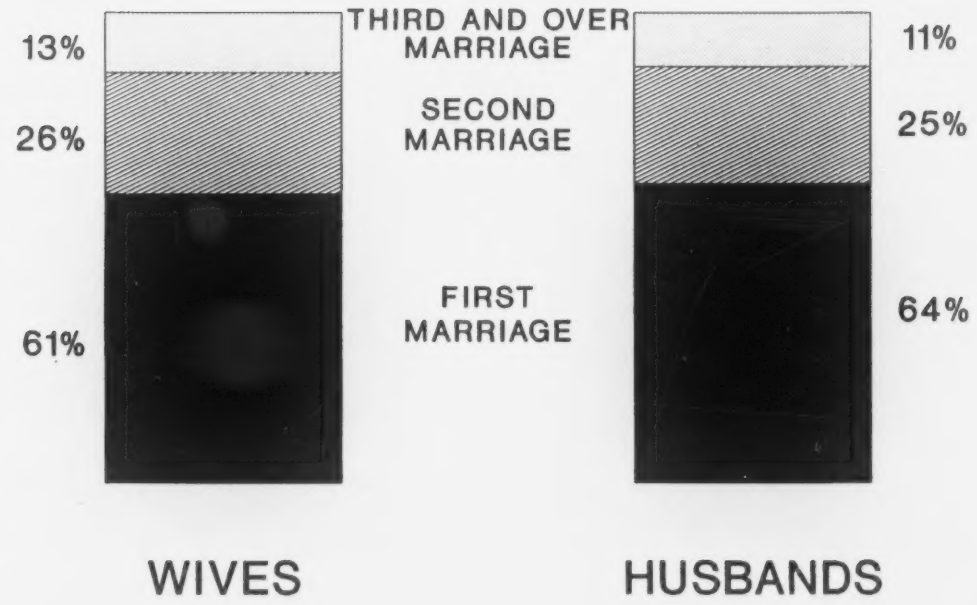
Figure 43

TABLE 53
MARRIAGE DISSOLUTIONS BY NUMBER OF THIS MARRIAGE FOR HUSBAND
BY NUMBER OF THIS MARRIAGE FOR WIFE
KANSAS, 1992

Number of this Marriage for Husband	Number of this Marriage for Wife										
	Total	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth	Ninth & Over	Not Stated
Total	12,365	7,356	3,093	1,051	317	114	31	9	5	3	386
First	7,614	6,134	1,124	247	53	15	4	1	1	1	34
Second	2,963	944	1,389	411	136	39	7	5	1	1	30
Third	924	174	360	268	65	26	11	-	2	1	17
Fourth	313	44	121	76	43	19	5	1	1	-	3
Fifth	84	1	38	22	10	9	2	2	-	-	-
Sixth	22	2	11	4	3	2	-	-	-	-	-
Seventh	14	1	8	3	2	-	-	-	-	-	-
Eighth	4	-	1	3	-	-	-	-	-	-	-
Ninth & Over	3	-	1	2	-	-	-	-	-	-	-
Not Stated	424	56	40	15	5	4	2	-	-	-	302

Occurrence data

MARRIAGE DISSOLUTIONS: PERCENT DISTRIBUTION BY NUMBER OF MARRIAGES
KANSAS, 1992



OCCURRENCE DATA

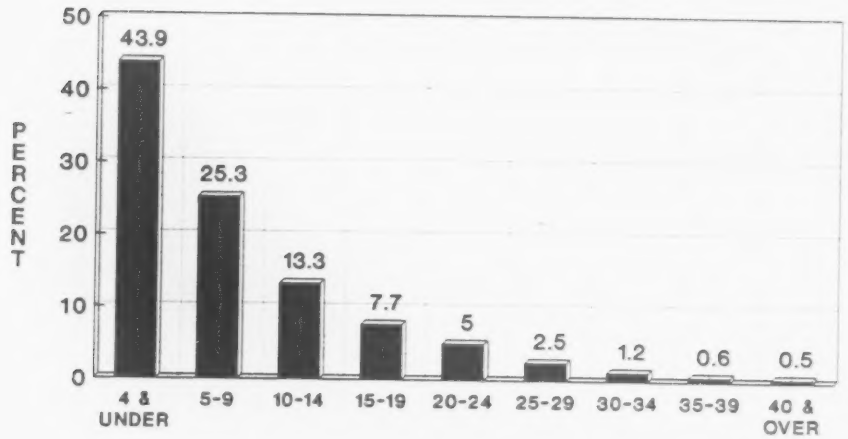
Figure 44

TABLE 54
MARRIAGE DISSOLUTIONS
BY DURATION OF MARRIAGE IN YEARS
KANSAS, 1992

Duration of Marriage	Total	Divorces	Annulments
Total	12,365	12,037	328
Under 1	904	724	180
1	1,276	1,215	61
2	1,247	1,225	22
3	1,044	1,026	18
4	955	949	6
5	767	762	5
6	733	729	4
7	614	611	3
8	536	531	5
9	478	475	3
10	447	443	4
11	352	352	–
12	337	335	2
13	307	304	3
14	208	206	2
15	204	204	–
16	194	194	–
17	191	191	–
18	184	184	–
19	174	173	1
20–24	616	610	6
25–29	307	305	2
30–34	148	147	1
35–39	76	76	–
40 & Over	66	66	–
Not Stated	–	–	–

Occurrence data

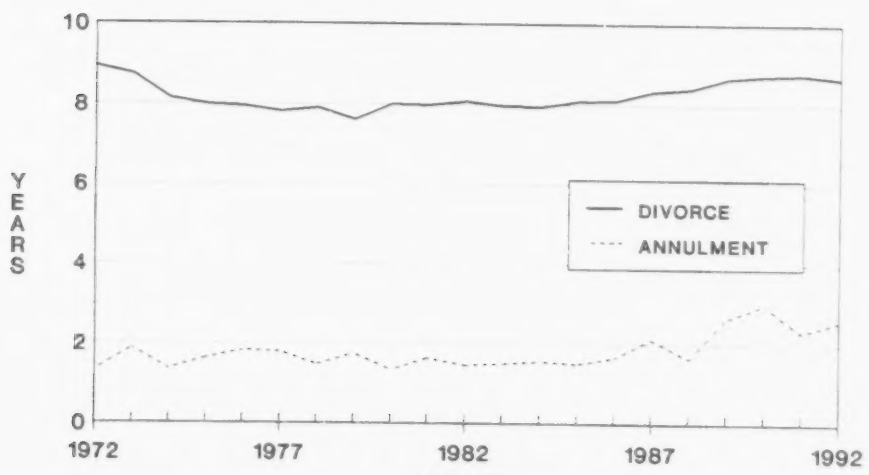
MARRIAGE DISSOLUTIONS: PERCENT DISTRIBUTION BY DURATION OF MARRIAGE
KANSAS, 1992



OCCURRENCE DATA

Figure 45

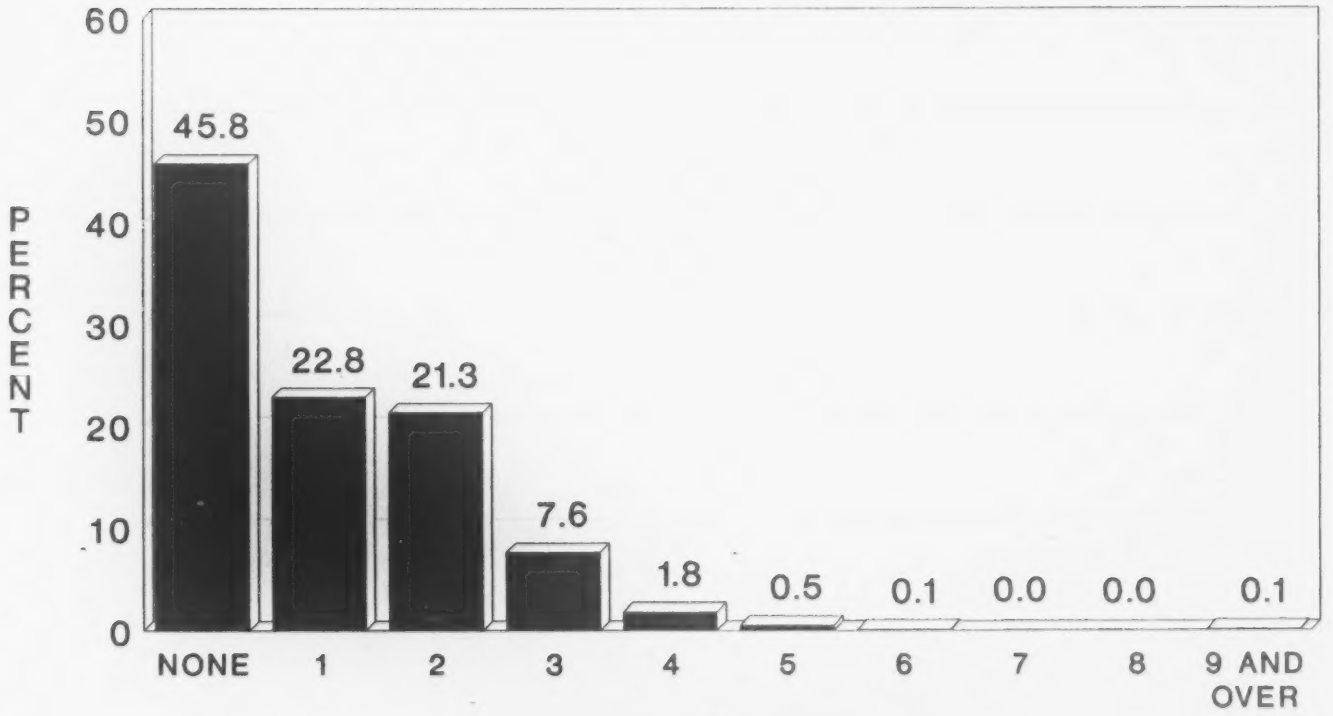
AVERAGE DURATION OF MARRIAGES ENDING IN DIVORCE OR ANNULMENT
KANSAS, 1972-1992



OCCURRENCE DATA

Figure 46

MARRIAGE DISSOLUTIONS: PERCENT
DISTRIBUTION BY NUMBER OF MINOR CHILDREN
KANSAS, 1992



OCCURRENCE DATA

Figure 47

TABLE 55
MARRIAGE DISSOLUTIONS BY NUMBER AND PERCENT
BY NUMBER OF MINOR CHILDREN
KANSAS, 1992

Number of Minor Children Reported	Divorces		Annulments		Total Children
	Number	Percent	Number	Percent	Number*
Total	12,037	100.0	328	100.0	12,332
None	5,384	44.7	282	86.0	-
1	2,801	23.3	14	4.3	2,815
2	2,612	21.7	24	7.3	5,272
3	933	7.8	5	1.5	2,814
4 or More	307	2.5	3	0.9	1,431
Not Stated	-	-	-	-	-

*Represents the number of children involved in marriages ending in divorce or annulment.
Occurrence data

TABLE 56
MARRIAGE DISSOLUTIONS BY RACE OF WIFE BY RACE OF HUSBAND
KANSAS, 1992

Race of Husband	Total	Race of Wife			
		White	Black	Other	Not Stated
Total	12,365	10,974	776	190	425
White	10,893	10,697	27	112	57
Black	900	138	738	13	11
Other	147	80	1	62	4
Not Stated	425	59	10	3	353

Occurrence data

TABLE 57
MARRIAGE DISSOLUTIONS BY EDUCATION OF WIFE BY EDUCATION OF HUSBAND
KANSAS, 1992

Education of Husband	Total	Education of Wife																		
		Elementary									Secondary				College					Not Stated
		0	1	2	3	4	5	6	7	8	1	2	3	4	1	2	3	4	5+	
Total	12,365	-	1	5	3	10	4	29	30	174	259	529	519	5,862	1,244	1,131	355	1,012	467	731
Elementary																				
0 years	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1 years	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2 years	2	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-
3 years	12	-	-	-	1	1	-	-	1	2	1	1	1	4	-	-	-	-	-	-
4 years	17	-	-	-	-	1	1	-	1	1	2	-	-	6	3	-	-	-	-	2
5 years	11	-	-	-	-	-	-	-	1	1	-	2	-	3	1	-	1	-	-	2
6 years	62	-	-	1	-	2	1	4	1	3	1	11	6	20	-	5	1	-	1	5
7 years	40	-	-	-	-	1	-	-	-	-	4	5	1	20	4	1	-	-	-	4
8 years	196	-	-	-	-	-	-	1	1	18	11	21	16	84	15	10	2	6	1	10
Secondary																				
1 years	229	-	-	-	-	-	-	4	2	11	23	22	23	101	16	7	3	7	1	9
2 years	488	-	-	-	-	-	-	3	4	8	17	71	46	224	37	31	3	10	6	28
3 years	541	-	-	-	-	-	-	2	2	14	16	47	73	263	61	24	8	14	2	15
4 years	5,930	-	-	3	-	2	-	10	12	75	133	267	231	3,725	478	445	115	229	80	125
College																				
1 years	950	-	-	-	-	-	-	1	1	8	13	19	42	386	225	120	40	62	17	16
2 years	1,017	-	-	1	1	-	1	1	2	8	17	21	29	382	152	177	54	112	38	21
3 years	286	-	-	-	-	1	1	2	-	-	-	3	5	94	49	45	31	37	15	3
4 years	1,141	-	1	-	-	1	-	-	-	5	4	11	10	278	117	161	61	376	111	5
5+ years	620	-	-	-	-	1	-	-	-	1	1	6	3	104	57	76	28	148	190	5
Not Stated	823	-	-	-	1	-	-	1	1	18	16	22	33	168	29	29	8	11	5	481

Occurrence data

Special Minorities Summary

SPECIAL MINORITIES SUMMARY

This section is a presentation of demographic, natality and mortality information on racial and ethnic minority groups in Kansas. The minority groups included are African American, Native American, Asian/Pacific Islander and those of Hispanic origin. Statistics on the White population are also included for comparative purposes.

This summary also focuses on some of the goals identified as national priorities in Healthy People 2000: National Health Promotion and Disease Prevention Objectives, as they relate to Kansas data. One of the main objectives of Healthy People 2000, is to set specific targets to narrow the gap between the total population and members of racial and ethnic minority groups. While Kansas has made great strides toward improving the quality of life for its citizens, we need to continue to aggressively address the health concerns among our minority population.

The data presented in this section are for 1990, due to the availability of the 1990 Census of Population, U.S. Department of Commerce, Bureau of the Census. The main sources for the population data were "General Population Characteristics" for the 1980 and 1990 population censuses. Birth and death data were derived from certificates filed with the Kansas Department of Health and Environment.

African Americans are the dominant racial minority in Kansas, making up 5.8 percent of the total population and 58.3 percent of the non-white population in 1990. All other racial minority groups made up 4.1 percent of the total population and 41.7 percent of the non-white population. Due to the small minority population, and/or small number of events occurring within these minority groups, rates should be used with caution. Rates based on a relatively small number of events tend to be subject to more random variation than rates based on a large number of events.

Please note that persons of Hispanic origin are those who classified themselves as Mexican, Puerto Rican, Cuban, Central or South American or Other and Unknown Spanish in response to questions asked on the Kansas birth and death certificates, as well as, the 1990 census. Hispanic origin is not a race. It can be viewed as the ancestry or country of birth of the person or the person's parents or ancestors before their arrival in the United States. Persons of Hispanic origin may be of any race.

We trust health professionals, community leaders and others interested in these events will find this summary a useful resource.

POPULATION BY RACE
KANSAS, 1990

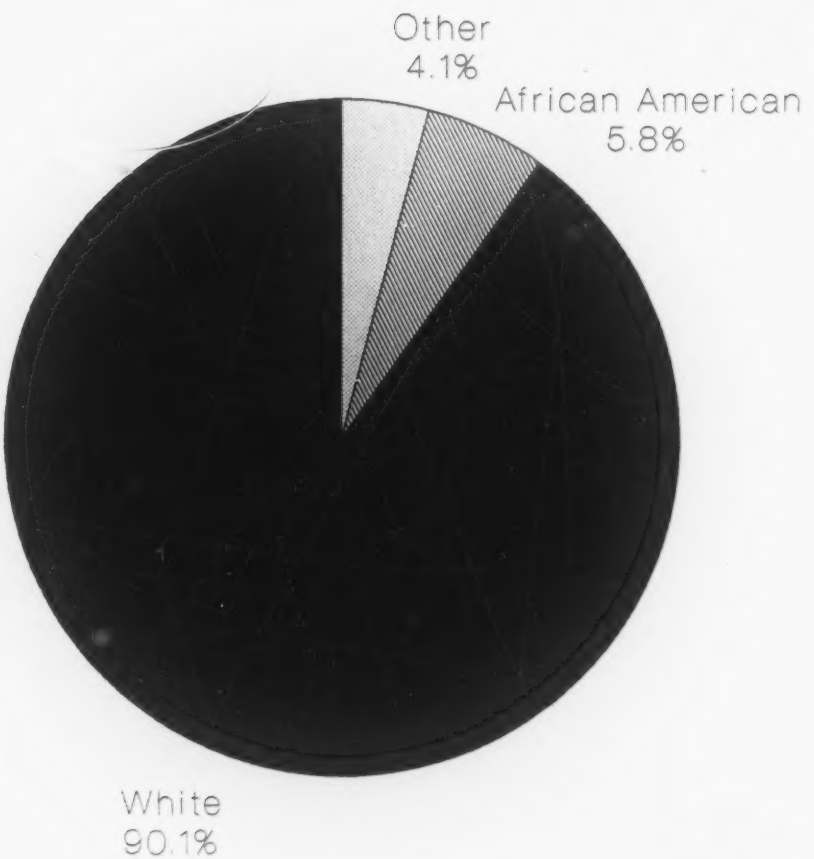


Figure 48

Source: U.S. Bureau of the Census

TABLE 58
POPULATION AT CENSUS YEARS
BY RACE AND HISPANIC ORIGIN
KANSAS, 1900-1990

Year	Total Races	White		African American		Native American*		Other		Hispanic**	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
1990	2,477,574	2,231,986	90.1	143,076	5.8	21,965	0.9	80,547	3.2	93,670	3.8
1980	2,363,679	2,168,221	91.7	126,127	5.3	15,256	0.6	54,075	2.3	63,339	2.7
1970	2,246,578	2,122,068	94.5	106,977	4.8	8,672	0.4	8,861	0.4	46,706	2.1
1960	2,178,611	2,078,666	95.4	91,445	4.2	5,069	0.2	3,431	0.2	n.a.	n.a.
1950	1,905,299	1,828,961	96.0	73,158	3.8	2,381	0.1	799	0.0	n.a.	n.a.
1940	1,801,028	1,734,496	96.3	65,138	3.6	1,165	0.1	229	0.0	n.a.	n.a.
1930	1,880,999	1,811,997	96.3	66,344	3.5	2,454	0.1	204	0.0	n.a.	n.a.
1920	1,769,257	1,708,906	96.6	57,925	3.3	2,276	0.1	150	0.0	n.a.	n.a.
1910	1,690,949	1,634,352	96.7	54,030	3.2	2,444	0.1	123	0.0	n.a.	n.a.
1900	1,470,495	1,416,319	96.3	52,003	3.5	2,130	0.1	43	0.0	n.a.	n.a.

*In 1980 and 1990 this category included Eskimo and Aleut.
**Hispanic origin can be of any race
Source: U.S. Bureau of the Census

-Since the 1900 Census, minority races in Kansas comprised between approximately 3.6 percent of the population in 1900 and 10.0 percent in 1990. Historically African Americans have been the largest minority group in the state. Since 1900, Native Americans have accounted for less than one percent of the Kansas population. At least 39.4 percent of the other races in 1990 were Asians or Pacific Islanders.

-Since 1940, minority races in Kansas have grown faster than the White race. Between 1940 and 1990, the White population increased 28.7 percent while the African American population more than doubled, increasing 119.7 percent. The number of Native Americans in Kansas in 1990 was over 18 times greater than in 1940. According to the Bureau of the Census, the large increase in the Native American population cannot be attributed to natural increase or migration but instead is a result of shifts in self-identification. Between 1970 and 1990, the number of persons of Hispanic origin more than doubled.

TABLE 59
POPULATION BY SEX
BY RACE AND HISPANIC ORIGIN
KANSAS, 1990

Race and Hispanic Origin	Total		Male		Female	
	Number	Percent	Number	Percent	Number	Percent
Total	2,477,574	100.0	1,214,645	100.0	1,262,929	100.0
White	2,231,986	90.1	1,089,965	89.7	1,142,021	90.4
African American	143,076	5.8	71,727	5.9	71,349	5.6
Native American	21,965	0.9	10,883	0.9	11,082	0.9
Asian\Pacific	31,750	1.3	15,658	1.3	16,092	1.3
Other	48,797	1.9	26,412	2.2	22,385	1.8
Hispanic*	93,670	3.8	49,263	4.1	44,407	3.5

*Hispanic origin can be of any race
Residence data
Source: U.S. Bureau of the Census

-In 1990, minorities made up about 10 percent of Kansas' population. African Americans make up 5.8 percent of the population and are the largest minority group in the state.

-The Census Bureau reports that on the 1990 Census forms, most of the written entries under "Other race" were those indicating Hispanic origin such as Mexican, Cuban, or Puerto Rican. Census data show that of the 93,670 persons of Hispanic origin, 44.3 percent(41,462) recorded White as their race, 2.5 percent(2,325) considered themselves African American, less than 2 percent(1,602) considered themselves Native American, and only one percent(936), recorded their race as Asian or Pacific Islander. The remaining 47,355(50.6 percent) did not select any of the given racial categories and fell under the "other" category.

TABLE 60
POPULATION BY AGE-GROUP
BY RACE AND HISPANIC ORIGIN
KANSAS, 1990

Age-Group	Total Races	White		African American		Native American		Asian/ Pacific		Other		Hispanic*	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	2,477,574	2,231,986	100.0	143,076	100.0	21,965	100.0	31,750	100.0	48,797	100.0	93,670	100.0
Under 5	188,390	162,575	7.3	14,892	10.4	1,977	9.0	2,794	8.8	6,152	12.6	11,744	12.5
5-9	195,981	171,180	7.7	14,079	9.8	2,110	9.6	2,910	9.2	5,702	11.7	10,943	11.7
10-14	179,473	157,340	7.0	12,799	8.9	2,041	9.3	2,659	8.4	4,634	9.5	9,148	9.8
15-19	172,176	149,866	6.7	12,308	8.6	2,156	9.8	3,232	10.2	4,614	9.5	8,625	9.2
20-24	180,087	155,144	7.0	13,201	9.2	2,167	9.9	3,864	12.2	5,711	11.7	9,928	10.6
25-29	201,424	176,763	7.9	13,876	9.7	1,946	8.9	3,559	11.2	5,280	10.8	9,359	10.0
30-34	211,749	188,812	8.5	13,387	9.4	1,905	8.7	3,087	9.7	4,558	9.3	8,399	8.9
35-39	195,812	177,286	7.9	10,648	7.4	1,734	7.9	2,726	8.6	3,418	7.0	6,512	6.9
40-44	165,514	151,684	6.8	7,818	5.5	1,355	6.2	2,233	7.0	2,424	5.0	4,816	5.1
45-49	128,598	118,699	5.3	5,736	4.0	1,080	4.9	1,498	4.7	1,585	3.2	3,258	3.5
50-54	106,790	99,018	4.4	4,723	3.3	867	3.9	1,023	3.2	1,159	2.4	2,503	2.7
55-59	103,821	96,969	4.3	4,381	3.1	708	3.2	760	2.4	1,003	2.1	2,211	2.4
60-64	105,188	99,166	4.5	4,051	2.8	546	2.5	531	1.7	894	1.8	2,033	2.2
65-69	101,421	96,242	4.3	3,554	2.5	541	2.5	374	1.2	710	1.5	1,674	1.8
70-74	83,243	79,443	3.6	2,802	2.0	366	1.7	241	0.8	391	0.7	1,003	1.1
75-79	67,620	64,838	2.9	2,160	1.5	235	1.0	142	0.4	245	0.5	697	0.7
80-84	48,046	46,275	2.1	1,398	1.0	141	0.6	63	0.2	169	0.3	443	0.5
85 and Over	42,241	40,686	1.8	1,263	0.9	90	0.4	54	0.2	148	0.3	374	0.4
Median Age	32.9	33.8		26.5		26.3		25.5		22.8		23.1	

*Hispanic origin can be of any race
Source: U.S. Bureau of the Census

-The minority population as a whole is younger than the White population. The median age for the White population in 1990 was 33.8 as compared to 26.5 for for African Americans, 26.3 for Native Americans, 25.5 for Asian and Pacific Islanders and 23.1 for Hispanics.

TABLE 61
POPULATION BY RACE AND HISPANIC ORIGIN
BY COUNTY OF RESIDENCE
KANSAS, 1990

County of Residence	Total	White	African American	Native American	Asian/ Pacific	Other	Hispanic*
Kansas	2,477,574	2,231,986	143,076	21,965	31,750	48,797	93,670
Allen	14,638	14,128	270	100	46	94	258
Anderson	7,803	7,672	40	67	10	14	51
Atchison	16,932	15,598	957	84	131	162	370
Barber	5,874	5,791	13	31	3	36	73
Barton	29,382	28,392	348	141	109	392	816
Bourbon	14,966	14,438	419	60	22	27	79
Brown	11,128	10,190	132	719	16	71	192
Butler	50,580	49,311	367	459	169	274	742
Chase	3,021	2,995	5	11	1	9	40
Chautauqua	4,407	4,202	23	152	13	17	44
Cherokee	21,374	20,442	116	760	24	32	175
Cheyenne	3,243	3,224	5	1	9	4	20
Clark	2,418	2,355	–	27	7	29	42
Clay	9,158	9,078	18	17	27	18	38
Cloud	11,023	10,917	37	17	5	47	76
Coffey	8,404	8,315	9	54	18	8	61
Comanche	2,313	2,291	6	12	–	4	13
Cowley	36,915	34,290	1,060	714	330	521	1,097
Crawford	35,568	34,250	476	305	422	115	325
Decatur	4,021	4,001	2	9	1	8	13
Dickinson	18,958	18,589	123	65	54	127	341
Doniphan	8,134	7,839	155	97	18	25	48
Douglas	81,798	72,885	3,324	2,161	2,581	847	2,138
Edwards	3,787	3,646	4	12	8	117	197
Elk	3,327	3,238	5	57	3	24	59
Ellis	26,004	25,635	109	45	151	64	205
Ellsworth	6,586	6,347	134	26	10	69	186
Finney	33,070	26,460	443	253	1,203	4,711	8,353
Ford	27,463	22,873	473	155	663	3,299	4,083
Franklin	21,994	21,202	282	187	100	223	471
Geary	30,453	20,938	7,198	203	1,224	890	1,853
Gove	3,231	3,219	4	5	2	1	9
Graham	3,543	3,407	103	13	12	8	23
Grant	7,159	6,059	2	78	41	979	1,543
Gray	5,396	5,168	7	22	1	198	229
Greeley	1,774	1,687	11	2	2	72	107
Greenwood	7,847	7,719	9	77	–	42	91
Hamilton	2,388	2,244	5	8	28	103	139
Harper	7,124	7,036	13	46	5	24	105
Harvey	31,028	29,300	551	145	212	820	1,616
Haskell	3,886	3,413	2	23	5	443	557
Hodgeman	2,177	2,137	22	3	1	14	32
Jackson	11,525	10,705	41	722	9	48	126
Jefferson	15,905	15,603	73	129	65	35	132
Jewell	4,251	4,233	–	12	5	1	8
Johnson	355,054	338,770	6,917	1,246	5,840	2,281	7,005
Kearny	4,027	3,602	4	26	5	390	671
Kingman	8,292	8,213	9	24	10	36	77
Kiowa	3,660	3,600	7	17	11	25	39
Labette	23,693	21,956	1,030	409	97	201	516
Lane	2,375	2,354	1	5	–	15	44
Leavenworth	64,371	55,063	7,132	418	937	821	2,192
Lincoln	3,653	3,635	1	11	1	5	15
Linn	8,254	8,151	37	44	6	16	34
Logan	3,081	3,047	11	8	–	15	26

TABLE 61
POPULATION BY RACE AND HISPANIC ORIGIN
BY COUNTY OF RESIDENCE
KANSAS, 1990

County of Residence	Total	White	African American	Native American	Asian/ Pacific	Other	Hispanic*
Lyon	34,732	31,828	731	215	686	1,272	2,114
Marion	12,888	12,687	82	38	32	49	118
Marshall	11,705	11,632	10	34	11	18	49
McPherson	27,268	26,663	211	108	125	161	325
Meade	4,247	4,092	–	11	12	132	198
Miami	23,466	22,635	565	137	38	91	276
Mitchell	7,203	7,123	44	18	10	8	29
Montgomery	38,816	35,000	2,437	898	154	327	751
Morris	6,198	6,101	20	31	11	35	90
Morton	3,480	3,297	3	31	38	111	352
Nemaha	10,446	10,378	37	13	16	2	14
Neosho	17,035	16,544	190	134	40	127	361
Ness	4,033	4,016	–	4	5	8	23
Norton	5,947	5,724	135	16	20	52	82
Osage	15,248	15,035	34	107	18	54	187
Osborne	4,867	4,835	4	20	6	2	17
Ottawa	5,634	5,599	4	16	8	7	34
Pawnee	7,555	7,079	239	27	57	153	256
Phillips	6,590	6,524	16	12	28	10	32
Pottawatomie	16,128	15,799	93	115	61	60	239
Pratt	9,702	9,358	116	64	30	134	183
Rawlins	3,404	3,382	3	7	8	4	27
Reno	62,389	58,612	1,712	359	210	1,496	2,478
Republic	6,482	6,452	3	12	12	3	15
Rice	10,610	10,222	117	53	19	199	279
Riley	67,139	55,866	6,807	482	2,400	1,584	2,799
Rooks	6,039	5,974	35	12	5	13	25
Rush	3,842	3,814	–	5	5	18	35
Russell	7,835	7,734	43	35	6	17	45
Saline	49,301	46,272	1,515	239	531	744	1,222
Scott	5,289	5,144	5	9	22	109	138
Sedgwick	403,662	345,173	36,061	4,556	8,728	9,144	17,435
Seward	18,743	14,495	1,108	143	449	2,548	3,660
Shawnee	160,976	141,189	13,365	1,836	1,179	3,407	7,785
Sheridan	3,043	3,019	–	8	6	10	26
Sherman	6,926	6,569	17	8	16	316	474
Smith	5,078	5,063	4	7	3	1	7
Stafford	5,365	5,271	10	26	9	49	112
Stanton	2,333	2,015	2	17	8	291	392
Stevens	5,048	4,552	26	42	15	413	552
Sumner	25,841	24,869	140	288	72	472	888
Thomas	8,258	8,109	29	17	35	68	101
Trego	3,694	3,668	2	6	17	1	9
Wabaunsee	6,603	6,493	41	24	7	38	116
Wallace	1,821	1,785	6	5	4	21	79
Washington	7,073	7,050	4	7	–	12	22
Wichita	2,758	2,455	1	9	8	285	326
Wilson	10,289	10,150	20	70	16	33	76
Woodson	4,116	4,059	15	30	5	7	25
Wyandotte	161,993	108,728	44,469	1,110	1,876	5,810	10,997

*Hispanic origin can be of any race
Source: U.S. Bureau of the Census

– Forty– nine of the 105 counties in Kansas had populations that were at least 98 percent White.

-Wyandotte and Geary counties had the highest percent nonwhite populations in the state with 32.9 and 31.2 percent respectively.

-The largest minority population in these two counties was African American which comprised 27.5 percent and 23.6 percent respectively, the highest percent African American populations in the state.

-Nearly two-thirds(65.6 percent) of the African Americans in Kansas live in three counties(Sedgwick, Shawnee and Wyandotte) where the largest metropolitan areas are located.

-Nearly half(49.7 percent) of the Native American population in Kansas resided in five counties. Sedgwick county had the largest number with 4,556 followed by Douglas (2,161), Shawnee(1,836), Johnson(1,246) and Wyandotte (1,110). The counties having the highest percent of their populations Native American were Brown and Jackson with 6.5 percent and 6.3 percent respectively.

-Sedgwick and Johnson counties had the largest number of Asian and Pacific Islanders with 8,728 and 5,840 respectively and accounting for 45.9 percent of all Asian and Pacific Islanders in the state. The county with the highest percent of its population Asian or Pacific Islander was Geary county with 4.0 percent followed closely by Finney and Riley counties each having 3.6 percent of their population Asian or Pacific Islander.

–More than half(55.0 percent) of the Hispanic population in Kansas reside in five counties. Sedgwick county had the largest number of Hispanics with 17,435 followed by Wyandotte(10,997), Finney(8,353), Shawnee(7,785) and Johnson(7,005). The 8,353 Hispanics in Finney county represent 25.3 percent of Finney county's poulation, the highest percent Hispanic county in the state.

TABLE 62
REPORTED PREGNANCIES BY OUTCOME
BY RACE AND HISPANIC ORIGIN OF MOTHER
KANSAS, 1990

Reported Pregnancies	Total Races	White		African American		Native American		Asian/ Pacific		Hispanic*	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total.....	43,264	38,294	100.0	3,855	100.0	285	100.0	756	100.0	1,999	100.0
Live Birth.....	38,872	34,605	90.4	3,328	86.3	262	91.9	644	85.2	1,869	93.5
Fetal Death....	217	180	0.5	29	0.8	1	0.4	5	0.7	17	0.8
Abortion.....	4,175	3,509	9.1	498	12.9	22	7.7	107	14.1	113	5.7

*Hispanic origin can be of any race
Residence data

-In 1990, 86.3 percent of the reported pregnancies to African American women resulted in a live birth and 12.9 percent in an abortion. Among Asian\Pacific women, 85.2 percent of the reported pregnancies resulted in a live birth and 14.1 percent in an abortion. The percentages of live births and abortions for Hispanic women were 93.5 and 5.7, respectively.

NATIONAL YEAR 2000 GOAL-Reduce to no more than 30 percent the proportion of all pregnancies that are unintended and reduce to 40 percent unintended pregnancies for African American women.

Kansas data not available.

REPORTED PREGNANCIES BY OUTCOME BY RACE AND HISPANIC ORIGIN OF MOTHER KANSAS, 1990

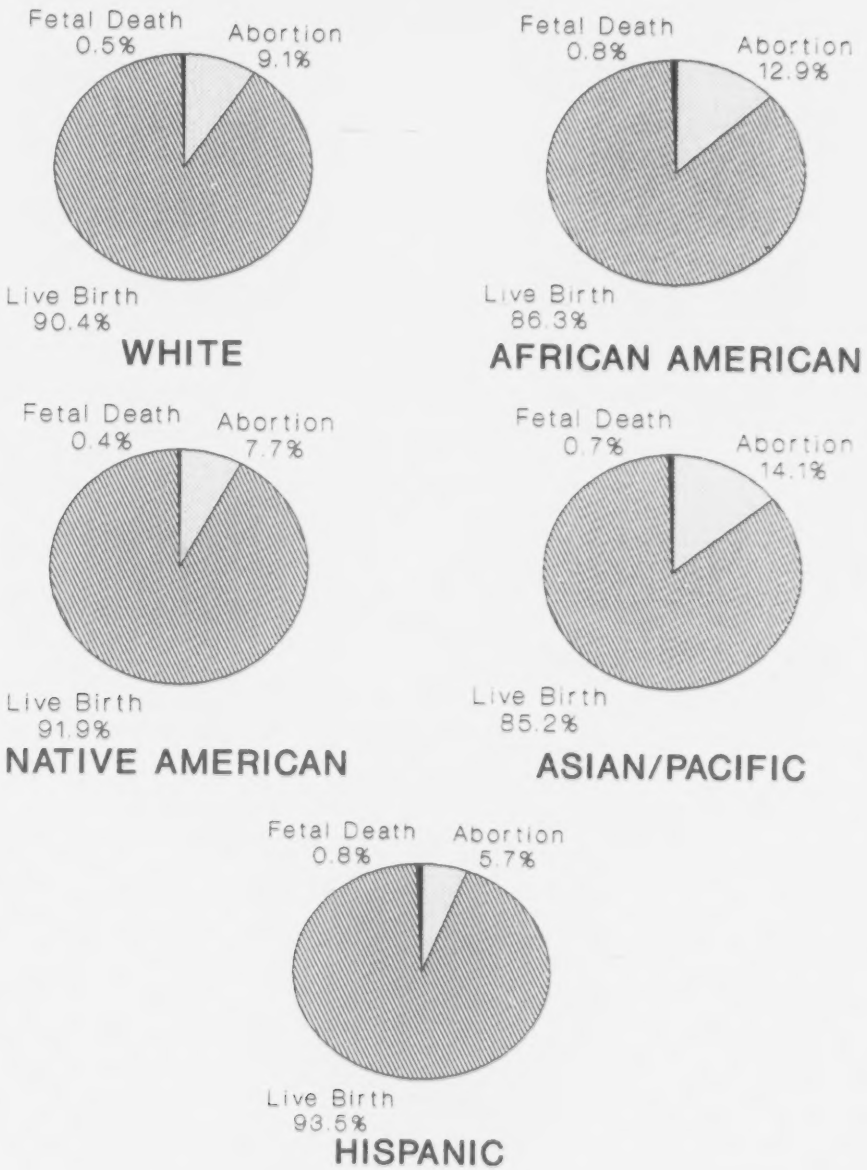


Figure 49

TABLE 63
AGE-SPECIFIC ADOLESCENT PREGNANCY RATES*
BY RACE AND HISPANIC ORIGIN OF MOTHER
KANSAS, 1990

Age-Group of Mother	Total Races		White		African American		Native American		Asian/ Pacific		Hispanic**	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Total 10-19....	5,993	35.1	4,906	32.9	962	78.8	52	25.5	63	22.5	394	46.1
10-14.....	93	1.1	55	0.7	38	6.0	-	-	-	-	13	2.9
15-19.....	5,900	70.5	4,851	66.4	924	156.2	52	48.8	63	41.3	381	92.5
15-17.....	1,930	40.5	1,526	36.6	361	106.6	22	39.4	17	19.8	124	53.2
18-19.....	3,970	110.2	3,325	106.0	563	222.6	30	59.1	46	68.8	257	143.9

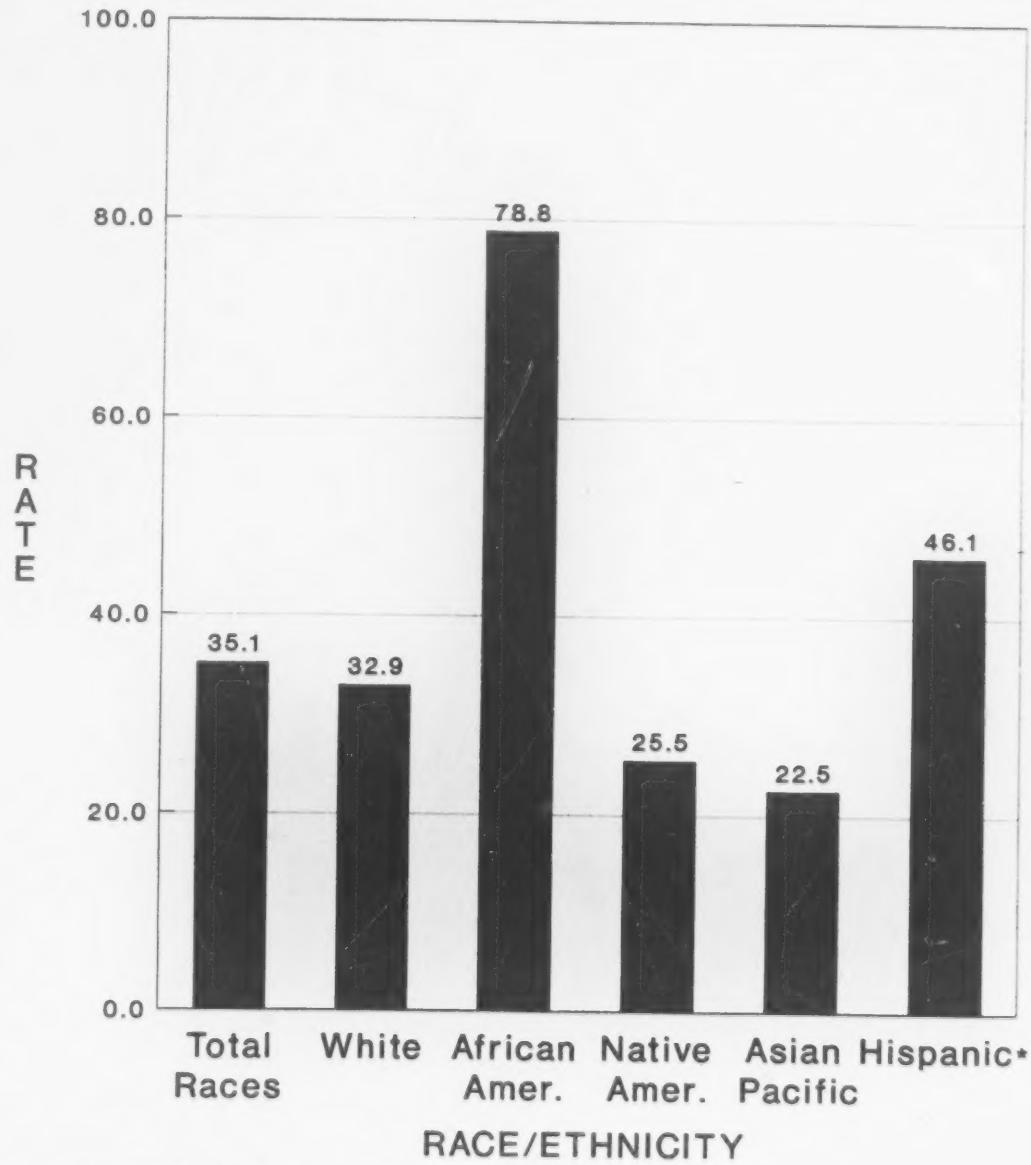
*Rate per 1,000 female age-group population
Includes live births, reported abortions and fetal deaths
**Hispanic origin can be of any race
Residence data

-African American teenagers are more likely to become pregnant than teenagers of other races. In the 10-19 age-group, African American females(78.8) were more than twice as likely to become pregnant than White teenagers(32.9).

NATIONAL YEAR 2000 GOAL-Reduce pregnancies among girls aged 15-17 to no more than 50 per 1,000 adolescent girls and to no more than 120 and 105 for African American and Hispanic girls aged 15-19.

Kansas has already achieved the national goal with 40.5 pregnancies per 1,000 females ages 15-17. The national goal for Hispanic females 15-19 has also been achieved in Kansas with a rate of 92.5, but pregnancies for African American females ages 15-19 will need to be reduced 23.2 percent to achieve the national goal.

ADOLESCENT PREGNANCY RATES(10-19) BY RACE AND HISPANIC ORIGIN OF MOTHER KANSAS, 1990



*HISPANIC ORIGIN CAN BE OF ANY RACE
RESIDENCE DATA

Figure 50

TABLE 64
LIVE BIRTHS BY BIRTH WEIGHT
BY RACE AND HISPANIC ORIGIN OF MOTHER
KANSAS, 1990

Birth Weight In Grams	Total Races	White		African American		Native American		Asian/ Pacific		Hispanic*	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total.....	38,872	34,605	100.0	3,328	100.0	262	100.0	644	100.0	1,869	100.0
Under 2,500...	2,428	1,973	5.7	399	12.0	12	4.6	40	6.2	106	5.7
2,500–4,499...	35,725	31,961	92.4	2,903	87.3	237	90.4	597	92.7	1743	93.2
Over 4,499.....	713	667	1.9	25	0.7	13	5.0	7	1.1	20	1.1
Not Stated.....	6	4	n/a	1	n/a	-	n/a	-	n/a	-	n/a

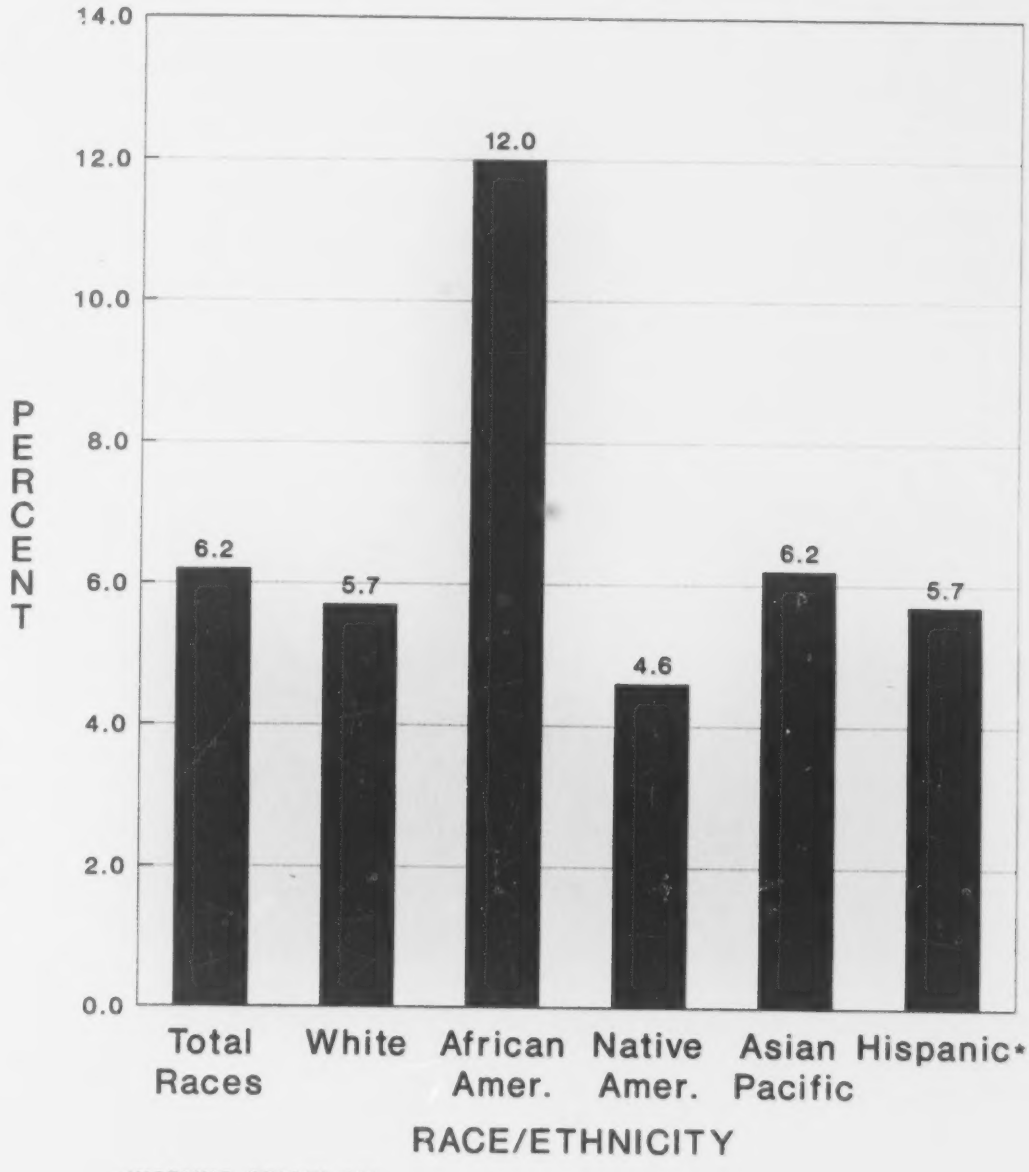
*Hispanic origin can be of any race
Residence data

-The percentage of low birth weight(under 2,500 grams) babies for African Americans(12.0) was significantly higher than that of other races and people of Hispanic origin.

NATIONAL YEAR 2000 GOAL-Reduce low birth weight to an incidence of no more than 5 percent of live births for all races and no more than 9 percent for African Americans.

Kansas will need to reduce low birth weight for all races(6.2) by 19.4 percent and by 25.0 percent for African Americans to achieve this goal.

LIVE BIRTHS BY LOW BIRTH WEIGHT BY RACE AND HISPANIC ORIGIN OF MOTHER KANSAS, 1990



*HISPANIC ORIGIN CAN BE OF ANY RACE
RESIDENCE DATA

Figure 51

TABLE 65
LIVE BIRTHS BY TRIMESTER CARE BEGAN
BY RACE AND HISPANIC ORIGIN OF MOTHER
KANSAS, 1990

Trimester Care Began	Total Races	White		African American		Native American		Asian/ Pacific		Hispanic*	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	38,872	34,605	100.0	3,328	100.0	262	100.0	644	100.0	1,869	100.0
First	31,296	28,418	82.2	2,225	66.8	185	70.6	448	69.7	1129	60.4
Second	5,987	4,937	14.3	831	25.0	62	23.7	155	24.1	532	28.5
Third	1,167	934	2.7	186	5.6	11	4.2	33	5.1	156	8.4
None	393	290	0.8	86	2.6	4	1.5	7	1.1	51	2.7
Not Stated	29	26	n/a	-	n/a	-	n/a	1	n/a	1	n/a

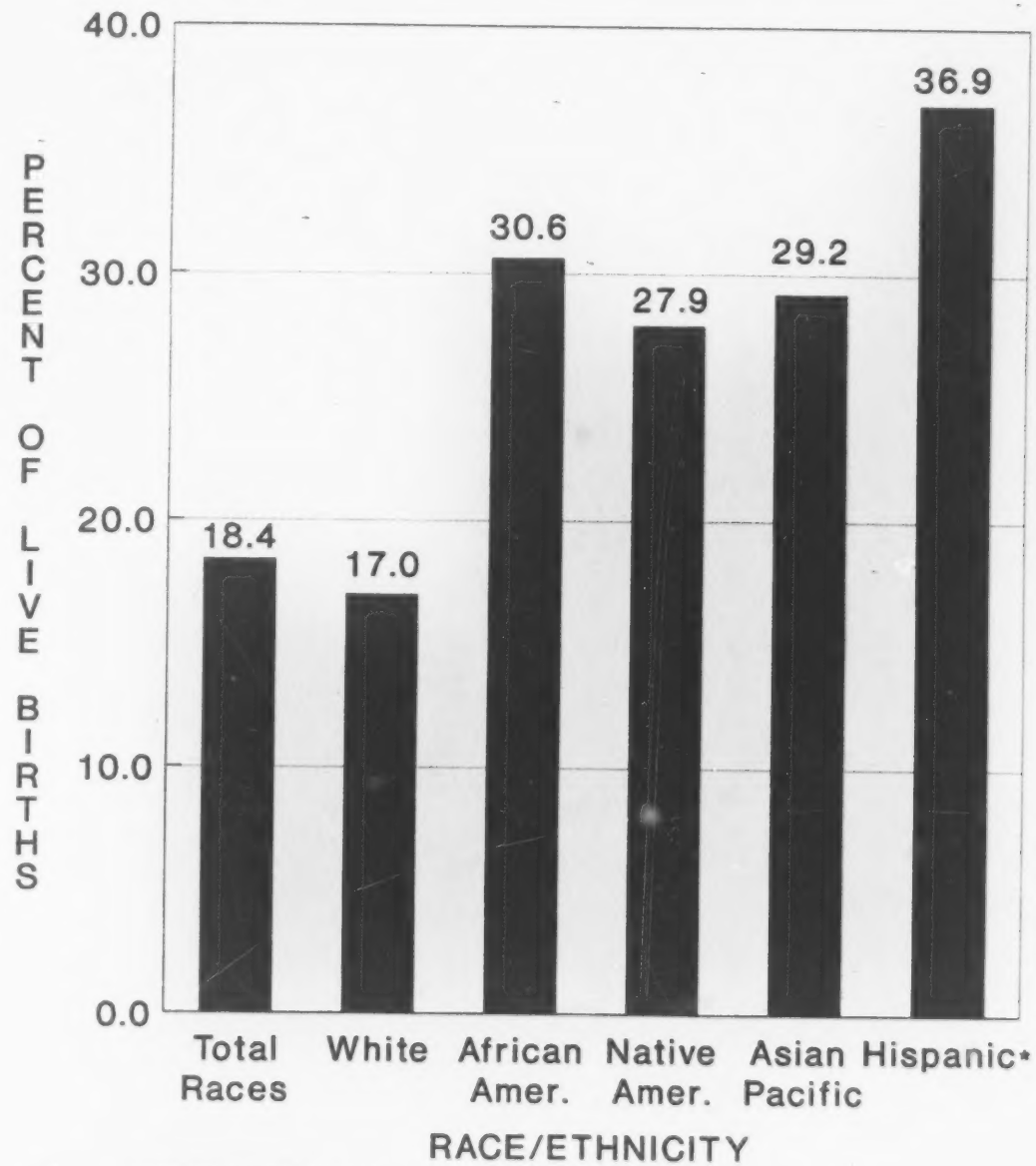
*Hispanic origin can be of any race
Residence data

-Minority mothers of all races and those of Hispanic origin are less apt than White mothers to receive care in the first trimester. Hispanic mothers are the most likely to receive care after the first trimester(36.9 percent).

NATIONAL YEAR 2000 GOAL-Increase to at least 90 percent the proportion of all pregnant women who receive prenatal care in the first trimester of pregnancy.

Kansas will need to increase the percent of women who receive prenatal care in the first trimester(80.6) by 11.7 percent to achieve this goal.

PRENATAL CARE AFTER FIRST TRIMESTER BY RACE AND HISPANIC ORIGIN OF MOTHER KANSAS, 1990



*HISPANIC ORIGIN CAN BE OF ANY RACE
RESIDENCE DATA

Figure 52

TABLE 66
PERINATAL DEATHS BY COMPONENT
BY RACE AND HISPANIC ORIGIN OF MOTHER
KANSAS, 1990

Perinatal Deaths**	Total Races		White		African American		Native American		Asian/ Pacific		Hispanic*	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Total.....	379	9.7	312	9.0	55	16.4	2	7.6	8	12.3	28	14.8
Fetal Death**	217	5.6	180	5.2	29	8.6	1	3.8	5	7.7	17	9.0
Hebdomadal Death***.....	162	4.2	132	3.8	26	7.8	1	3.8	3	4.7	11	5.9

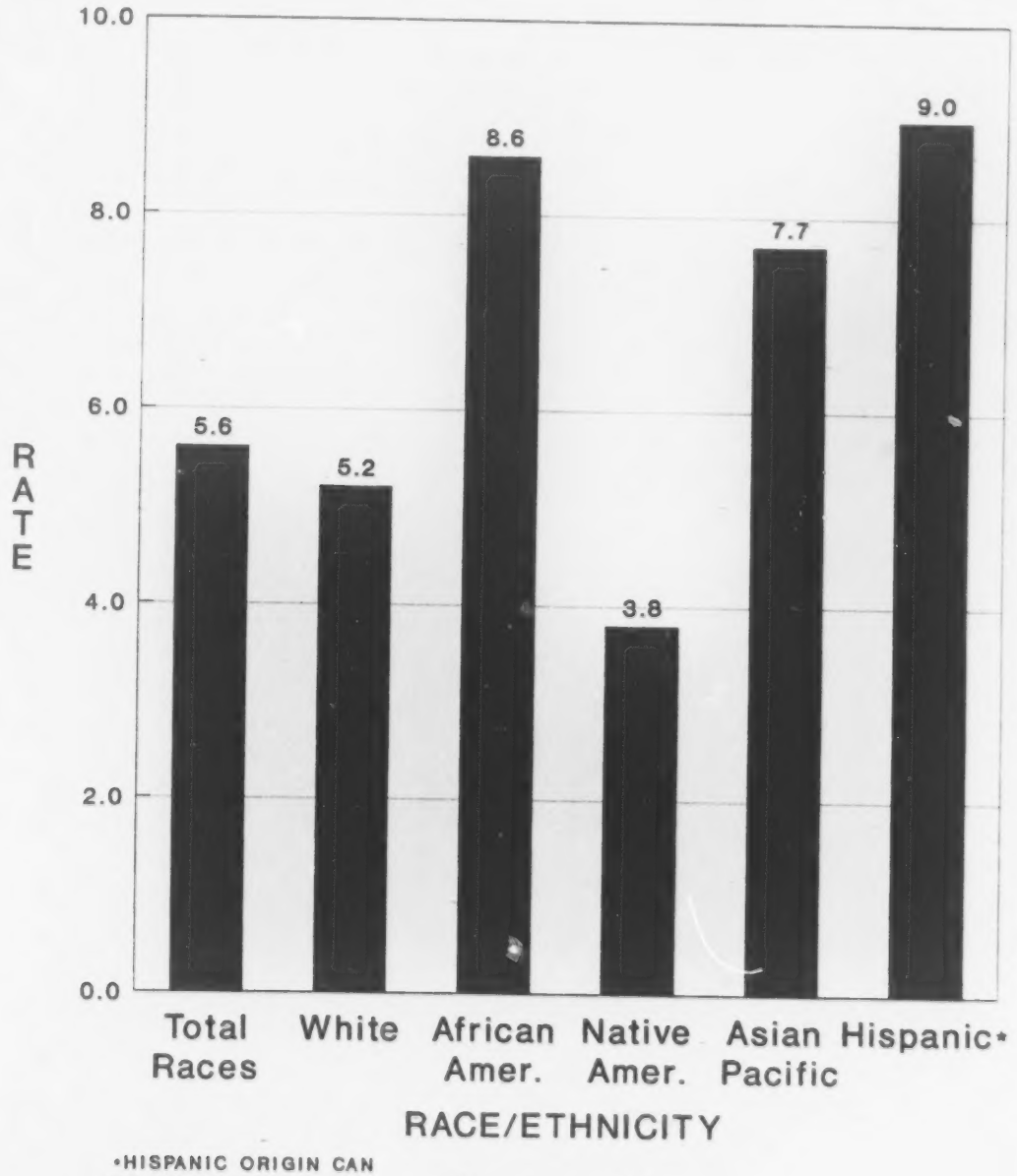
*Hispanic origin can be of any race
**Rate per 1,000 total births
***Rate per 1,000 live births
Residence data

-In 1990, the fetal death rate for African American and Hispanic mothers(8.6 and 9.0, respectively) was about 1.7 times the rate for White mothers(5.2).

NATIONAL YEAR 2000 GOAL-Reduce the fetal death rate to no more than 5 per 1,000 total births for all races and to no more than 7.5 for African Americans.

Kansas will need to reduce the fetal death rate(5.6) by 10.7 percent for all races and by 12.8 percent for African Americans to achieve this goal.

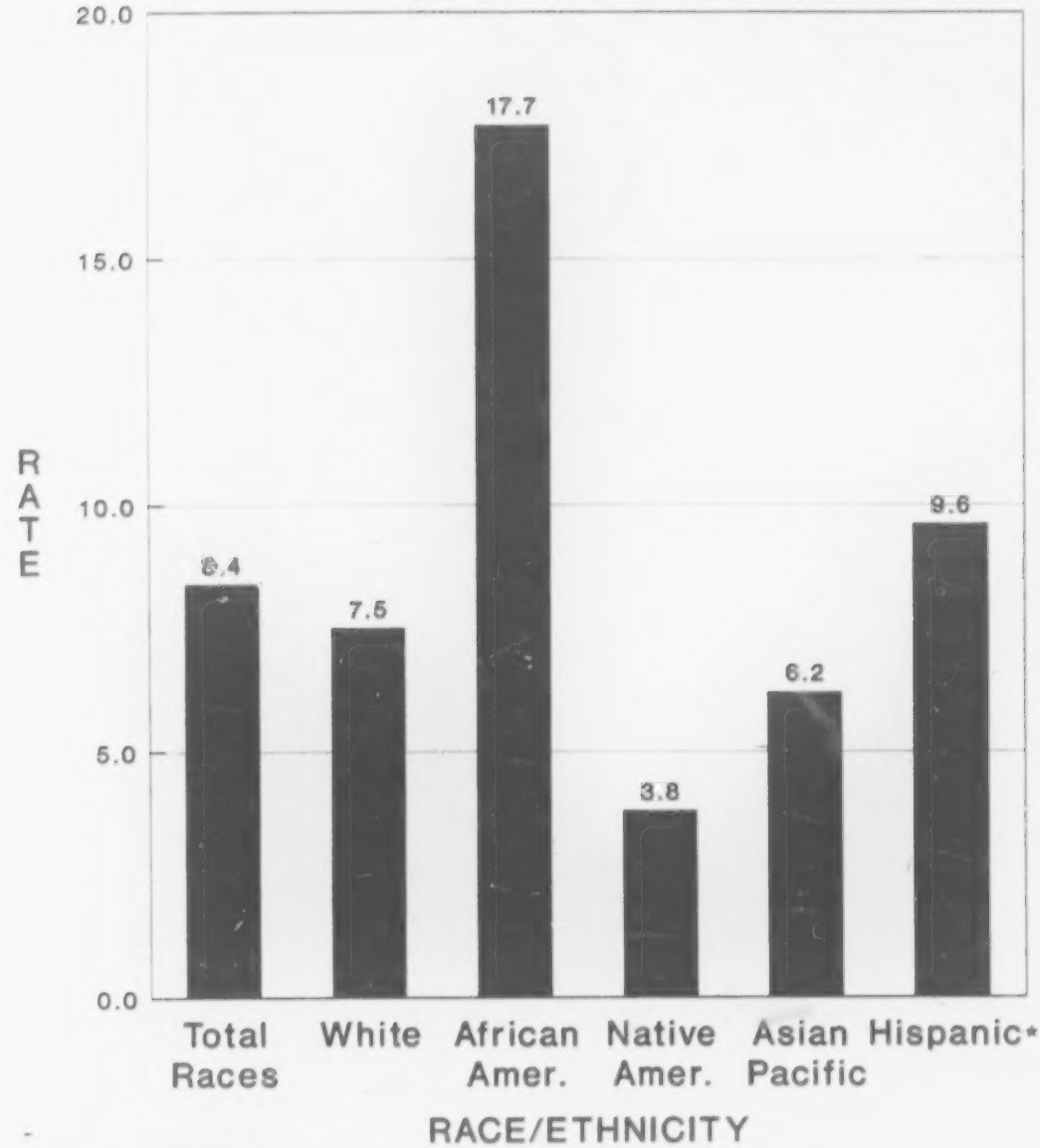
FETAL DEATH RATES
BY RACE AND HISPANIC ORIGIN OF MOTHER
KANSAS, 1990



*HISPANIC ORIGIN CAN BE OF ANY RACE
RESIDENCE DATA

Figure 53

INFANT DEATH RATES
BY RACE AND HISPANIC ORIGIN OF MOTHER
KANSAS, 1990



*HISPANIC ORIGIN CAN BE OF ANY RACE
RESIDENCE DATA

Figure 54

TABLE 67
INFANT DEATHS BY COMPONENT
BY RACE AND HISPANIC ORIGIN OF MOTHER
KANSAS, 1990

Infant Deaths**	Total Races		White		African American		Native American		Asian/ Pacific		Hispanic*	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Total.....	325	8.4	261	7.5	59	17.7	1	3.8	4	6.2	18	9.6
Neonatal Death**.....	196	5.0	160	4.6	32	9.6	1	3.8	3	4.7	13	7.0
Postneonatal Death**.....	129	3.3	101	2.9	27	8.1	-	-	1	1.6	5	2.7

*Hispanic origin can be of any race
**Rate per 1,000 live births
Residence data

–In 1990, the infant death rate for African Americans(17.7) was more than double the White rate(7.5).

NATIONAL YEAR 2000 GOAL–Reduce the infant death rate to no more than 7 per 1,000 live births for all races and to no more than 11.0 for African Americans and 8.5 for Native Americans.

Kansas will need to reduce the infant death rate(8.4) by 16.7 percent for all races and by 37.9 percent for African Americans to achieve this goal.

NATIONAL YEAR 2000 GOAL–Reduce the neonatal death rate to no more than 4.5 per 1,000 live births for all races and to no more than 7.0 for African Americans.

Kansas will need to reduce the neonatal death rate(5.0) by 10.0 percent for all races and by 27.1 percent for African Americans to achieve this goal.

NATIONAL YEAR 2000 GOAL–Reduce the postneonatal death rate to no more than 2.5 per 1,000 live births for all races and to no more than 4.0 for African Americans and Native Americans.

Kansas will need to reduce the postneonatal death rate(3.3) by 24.2 percent for all races and by 50.6 percent for African Americans to achieve this goal.

TABLE 68
DEATH RATES* FOR CHILDREN AGED 1-14
BY SELECTED CAUSES OF DEATH
BY RACE AND HISPANIC ORIGIN
KANSAS, 1990

Selected Causes of Death	Total		White		African American		Native American		Hispanic**	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Total	156	29.4	139	30.1	15	38.3	2	34.7	4	13.5
Cerebrovascular Disease	6	1.1	5	1.1	1	2.6	-	-	-	-
Chronic Obstructive Pulmonary Disease	3	0.6	3	0.6	-	-	-	-	-	-
Congenital Anomalies	17	3.2	15	3.2	1	2.6	1	17.3	-	-
Heart Disease	7	1.3	7	1.5	-	-	-	-	-	-
Homicide	8	1.5	7	1.5	1	2.6	-	-	1	3.4
Malignant Neoplasms	15	2.8	13	2.8	2	5.1	-	-	-	-
Pneumonia and Influenza	2	0.4	2	0.4	-	-	-	-	-	-
Suicide	2	0.4	2	0.4	-	-	-	-	-	-
Unintentional Injuries	67	12.6	60	13.0	6	15.3	1	17.3	3	10.1

*Rate per 100,000 population
**Hispanic origin can be of any race
Residence data

-The death rate for African Americans was 38.3 per 100,000 children aged 1-14 in 1990, as compared to 34.7 for Native Americans and 30.1 for Whites. Unitentional injuries are the leading cause of death for children in this age-group for all races and those of Hispanic origin.

NATIONAL YEAR 2000 GOAL-Reduce the death rate for children to no more than 28 per 100,000 children aged 1-14.

Kansas will need to reduce the death rate for children 1-14 (29.4) by 4.8 percent to achieve this goal.

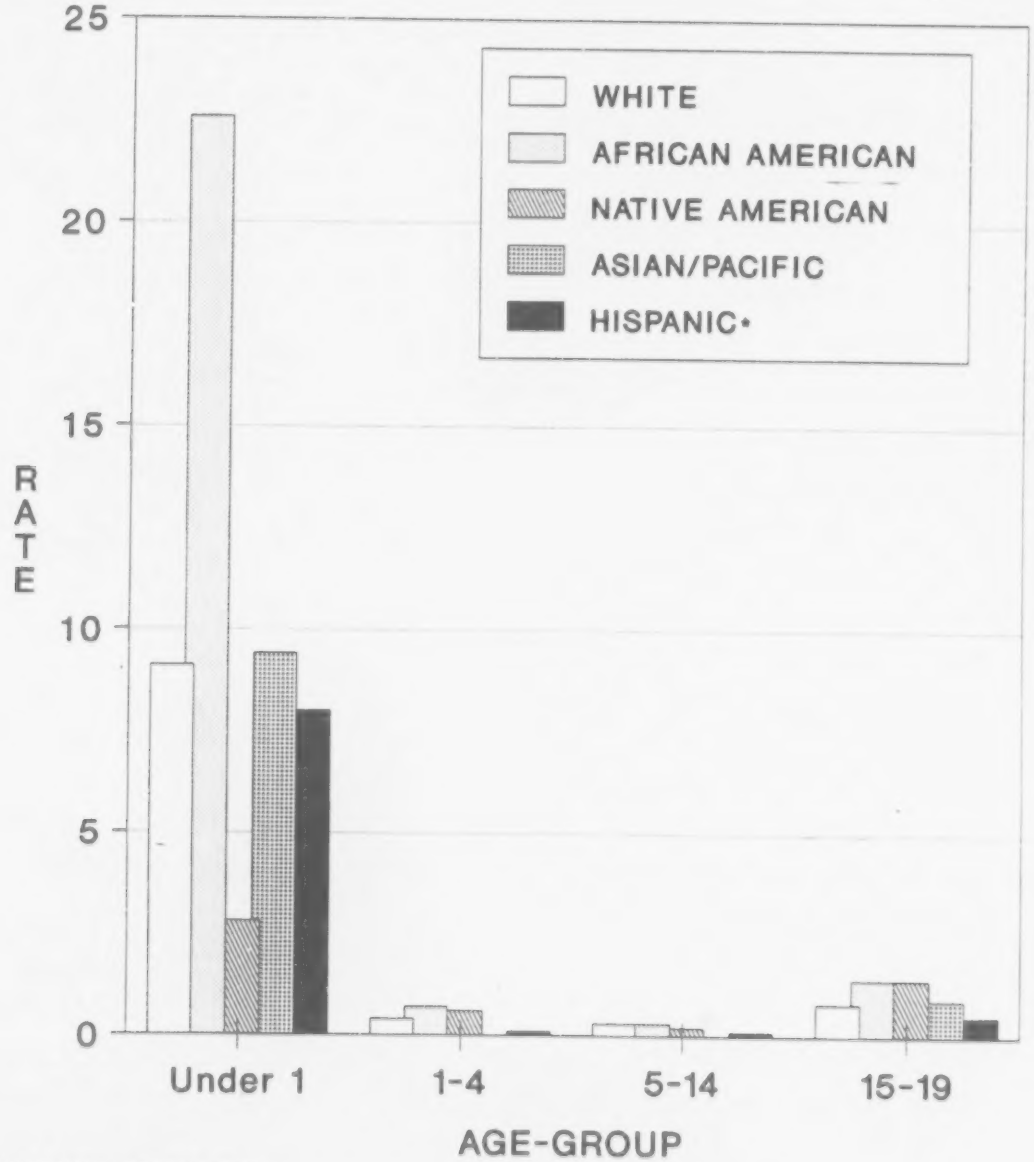
TABLE 69
AGE-SPECIFIC DEATH RATES* FOR INFANTS AND CHILDREN AGED 1-19
BY RACE AND HISPANIC ORIGIN
KANSAS, 1990

	Total		White		African American		Native American		Asian/ Pacific		Hispanic**	
Age-Group	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Total.....	630	0.9	526	0.8	91	1.7	6	0.7	7	0.6	26	0.6
Under 1*....	325	9.8	261	9.1	59	22.6	1	2.8	4	9.4	18	8.0
1-4.....	65	0.4	56	0.4	8	0.7	1	0.6	-	-	1	0.1
5-14.....	91	0.2	83	0.3	7	0.3	1	0.2	-	-	3	0.1
15-19.....	149	0.9	126	0.8	17	1.4	3	1.4	3	0.9	4	0.5

*Rate per 1,000 age-group population
Infant death rates elsewhere in this report are expressed per 1,000 live births. The rate given in this table is based on population size.
**Hispanic origin can be of any race
Residence data

-African American children under 1 year of age(22.6) are more than twice as likely to die than White children(9.1) of the same age. In the 15-19 age-group, African Americans(1.4) and Native Americans(1.4) also had a significantly higher risk of dying than White(0.8) children.

AGE-SPECIFIC DEATH RATES* FOR CHILDREN BY RACE AND HISPANIC ORIGIN KANSAS, 1990



*HISPANIC ORIGIN CAN BE OF ANY RACE
RESIDENCE DATA

Figure 55

TABLE 70
CAUSE-SPECIFIC DEATH RATES*
BY SELECTED CAUSES OF DEATH
BY RACE AND HISPANIC ORIGIN
KANSAS, 1990

Selected Causes of Death	Total		White		African American		Native American		Asian/ Pacific		Hispanic**	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Total	22,173	894.9	20,962	939.2	1,070	747.9	78	355.1	52	163.8	256	273.3
Coronary Heart Disease	5,558	224.3	5,327	238.7	206	144.0	19	86.5	5	15.7	42	44.8
Malignant Neoplasms	5,018	202.5	4,750	212.8	231	161.5	15	68.3	17	53.5	34	36.3
Cerebrovascular Disease	1,701	68.7	1,623	72.7	69	48.2	4	18.2	5	15.7	27	28.8
Chronic Obstructive Pulmonary Disease	962	38.8	924	41.4	31	21.7	5	22.8	2	6.3	4	4.3
Pneumonia and Influenza	943	38.1	910	40.8	32	22.4	1	4.6	-	-	9	9.6
Unintentional Injuries	919	37.1	848	38.0	57	39.8	9	41.0	5	15.7	26	27.8
Diabetes	454	18.3	413	18.5	32	22.4	4	18.2	2	6.3	11	11.7
Suicide	296	11.9	283	12.7	10	7.0	2	9.1	1	3.1	8	8.5
Atherosclerosis	245	9.9	240	10.8	3	2.1	1	4.6	1	3.1	4	4.3
Nephritis, Nephrotic Syndrome & Nephrosis	219	8.8	200	9.0	19	13.3	-	-	-	-	3	3.2
Homicide	112	4.5	62	2.8	46	32.2	-	-	4	12.6	4	4.3

*Rate per 100,000 population
**Hispanic origin can be of any race
Residence data

-Coronary heart disease and malignant neoplasms were the top two leading causes of death for all races and those of Hispanic origin.

-In 1990, the cause-specific death rate for diabetes mellitus was 22.4 for African Americans as compared to 18.5 for Whites.

-The cause-specific death rate for unintentional injuries among African Americans(39.8) and Native Americans(41.0) was higher than the White rate(38.0).

-African Americans are over 11 times more likely than Whites to be a homicide victim, with rates of 32.2 and 2.8 respectively. The cause-specific death rate for Asian/Pacific Islanders(12.6) and those of Hispanic origin(4.3) was also higher than the White rate.

TABLE 71
AGE-ADJUSTED DEATH RATES*
BY SELECTED CAUSES OF DEATH
BY RACE AND HISPANIC ORIGIN
KANSAS, 1990

Selected Causes of Death	Total	White	African American	Native American	Asian/ Pacific	Hispanic**
Total	483.6	478.6	696.4	388.5	301.5	361.3
Coronary Heart Disease	106.8	106.9	125.6	96.7	37.4	62.7
Maligant Neoplasms	123.6	123.1	162.9	81.3	110.3	54.8
Cerebrovascular Disease	29.3	28.9	40.3	21.6	37.5	38.5
Chronic Obstructive Pulmonary Disease	19.8	19.9	20.6	24.3	15.6	5.3
Pneumonia and Influenza	14.9	14.9	18.0	4.3	-	12.8
Unintentional Injuries	32.1	32.7	39.8	41.2	17.6	32.9
Diabetes	10.2	9.7	24.1	19.3	15.6	18.2
Suicide	11.1	11.7	6.5	8.7	2.4	7.8
Atherosclerosis	3.7	3.8	1.6	5.3	7.8	5.3
Nephritis, Nephrotic Syndrome & Nephrosis	4.1	3.8	12.0	-	-	4.7
Homicide	4.7	2.9	32.1	-	14.3	3.9

*Rate per 100,000 population
**Hispanic origin can be of any race
Residence data

-Excluding suicide and atherosclerosis, the age-adjusted death rate for African Americans exceeds the White rate for all listed causes.

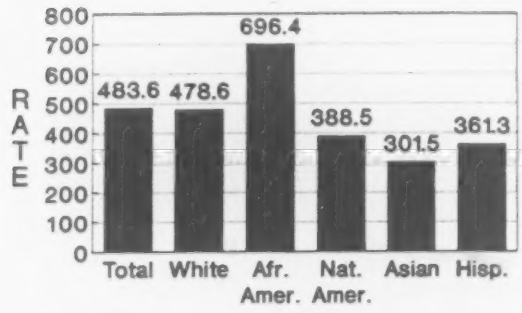
NATIONAL YEAR 2000 GOAL-Reduce coronary heart disease deaths to no more than 100 per 100,000 population for all races and to 115 for African Americans.

Kansas will need to reduce the coronary heart disease age-adjusted death rate for all races(106.8) by 6.4 percent and by 8.4 percent for African Americans(125.6).

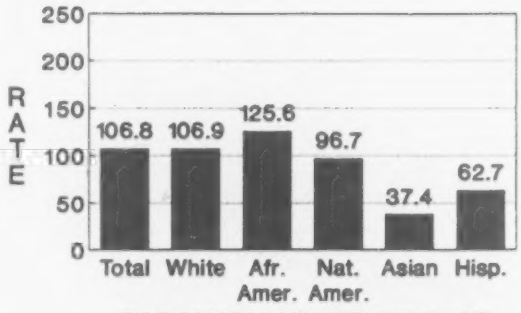
NATIONAL YEAR 2000 GOAL-Reduce malignant neoplasm deaths to no more than 130 per 100,000 population for all races.

The malignant neoplasm age-adjusted death rate for Kansas is already below the national objective but would have to be reduced 20.2 percent for African Americans.

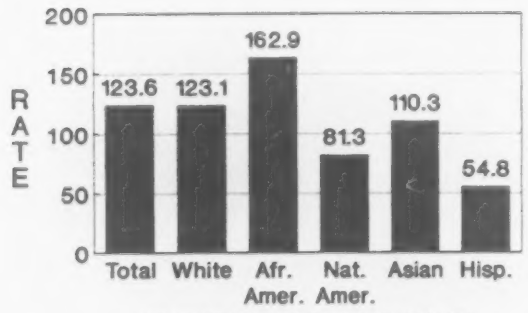
AGE-ADJUSTED DEATH RATES*
BY SELECTED CAUSES OF DEATH
BY RACE AND HISPANIC ORIGIN, KANSAS, 1990



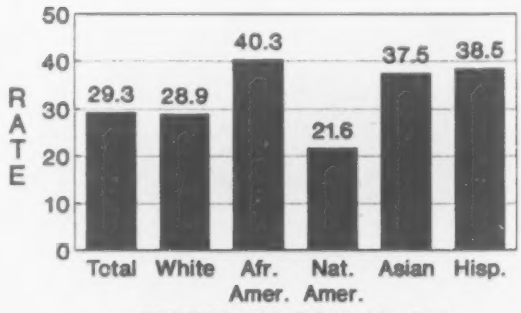
TOTAL



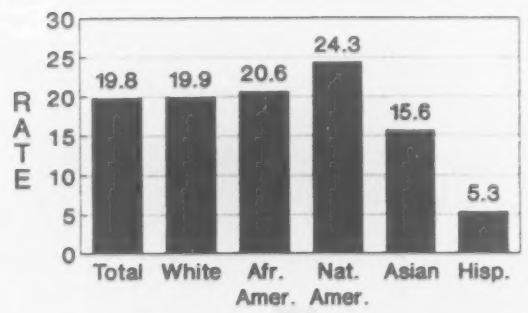
CORONARY HEART DISEASE



MALIGNANT NEOPLASMS



CEREBROVASCULAR DIS.



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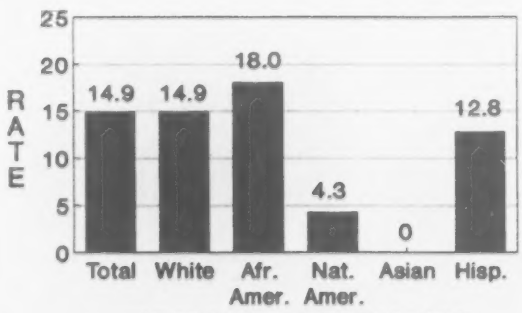
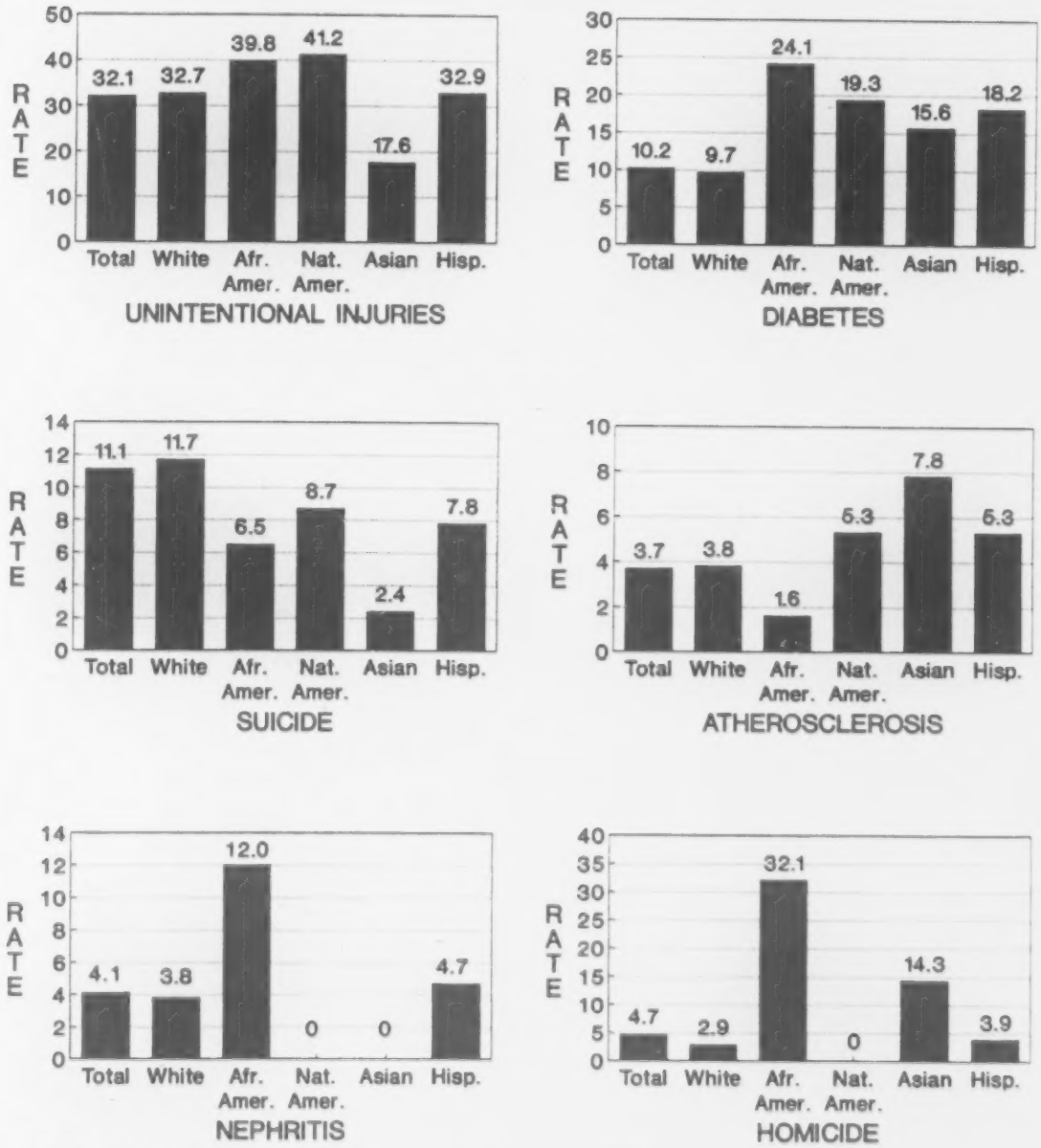


PNEUMONIA & INFLUENZA

*RATE PER 100,000 POPULATION
RESIDENCE DATA

Figure 56

AGE-ADJUSTED DEATH RATES*
BY SELECTED CAUSES OF DEATH
BY RACE AND HISPANIC ORIGIN, KANSAS, 1990



*RATE PER 100,000 POPULATION
RESIDENCE DATA

Figure 56

Technical Notes

TECHNICAL NOTES

Registration. The reporting of Kansas vital events to the Kansas Department of Health and Environment is mandated by law (K.S.A. 65-102). The filing of birth and death records was begun in 1911 and the registration of marriages and divorces was initiated in 1913 and 1951 respectively. Certificates of births, deaths, fetal deaths, marriages, marriage dissolutions and reports of abortions are completed by the combined efforts of physicians, hospital personnel, funeral directors and local courts. All certificates and reports are filed with the Office of Vital Statistics by direct reporting. Since registration of vital events began 80 years ago, over eight million records have been processed, filed and indexed.

Quality of Data. The quality of the analyses in the Annual Summary of Vital Statistics depends on the accuracy of the Kansas vital statistics data. The Office of Vital Statistics makes every effort to ensure the completeness and accuracy of the certificates filed. An interchange agreement with all 50 states and Canada ensures that vital events occurring to Kansas residents in other states or Canada are recorded. Tabulation of vital events for 1992 is maintained through March 15, 1993. Reports filed after that date consist of less than one percent of the total reports filed, are considered negligible and are omitted from this report.

Residence vs Occurrence Data. Residence data is information compiled according to the usual residence regardless of where the event occurred (including events occurring out-of-state). Occurrence data is information compiled according to the geographical location where the event took place, regardless of the actual residence. Information compiled for births, fetal deaths, deaths and abortions in this report are residence data, while marriages and marriage dissolutions are occurrence data.

Population. Intercensal county and state population estimates used for this report for years prior to 1989 were obtained from the Local Population Estimates, Series P-26, U.S. Department of Commerce, Bureau of the Census (U.S.C.B.) and are based on estimates for the July 1-June 30 time period for each year. Population estimates for 1989 were not available from the U.S.C.B. and were prepared by the Kansas Department of Health and Environment, Office of Research and Analysis. Population counts for 1990 were obtained from the 1990 Census of Population, U.S. Department of Commerce, U.S.C.B. which were taken on April 1, 1990. Population estimates for 1991 were obtained from the U.S. Bureau of the Census in unpublished tables. County estimates for 1992 were obtained from the Kansas Division of the Budget-State Demographer and were developed by interpolation from 1990 Census population and 2,000 projected county population. These county estimates were then adjusted to the U.S. Bureau of the Census total for the State.

City population estimates for 1988 were provided by the Local Population Estimates, Series P-26, U.S.C.B. and 1990 counts were obtained from the 1990 Census of Population, U.S.C.B. Estimates for 1989, 1991 and 1992 were derived as in the following example for 1992:

TECHNICAL NOTES (Cont.)

$$\text{1992 City Population} = \frac{\text{City Population, 1991}}{\text{County Population, 1991}} \times \text{1992 County Population}$$

Population estimates by age-group and sex were obtained from the State Population and Household Estimates, with Age, Sex and Components of Change: 1982-89, Series P-25, No. 1058, U.S.C.B. Population counts for 1990 were obtained from the Census of Population, U.S.C.B. Population estimates for 1991-1992 were obtained from the U.S. Bureau of the Census, Press Release CB92-93 and CB92-276, respectively. These estimates were used in age-specific and age-adjusted calculations.

Due to rounding and variation in estimation methods within the U.S. Census Bureau, some discrepancies may be found in population data. (Tables 2 and 4) Usually differences are negligible and rarely result in discrepancies in the totals. We advise you to utilize state totals from the county population totals when a total population estimate is needed.

Derivation of Teenage Female Population. Estimates of the Kansas female population age 10-19 years for 1982-1989 were derived from 1980 U.S. census counts and were calculated as in the following example for 1989.

$$\frac{\text{Female Population 10-14 Year Age-Group (1980)}}{\text{Female Population 5-14 Year Age-Group (1980)}} \times \text{1989 5-14 Year Age-Group} = \text{10-14 Year Age-Group (1989)}$$

The same calculation was used for the 15-19 age-group. Once the 10-19 age-group estimates were derived, they were used as denominators for calculating teenage pregnancy rates. Actual population counts for 1990 and population estimates for 1991-1992 were obtained from the U.S. Bureau of the Census.

Deaths. All causes of death are coded in accordance with the **International Classification of Diseases, Ninth Revision, (ICD-9), 1979,** (World Health Organization). Accuracy of causes of death are dependent on the completeness of the information provided by the physician or coroner concerning immediate and underlying causes of death. The "underlying cause of death" is the cause considered responsible for the sequence of events leading directly to death. The MICAR (Mortality Medical Indexing Classification and Retrieval) computerized system is used to convert the exact disease terms reported on the death certificate to ICD codes. Once the appropriate codes are tabulated for a death, the codes are analyzed by the Automated Classification of Medical Entities (ACME) system as specified by the National Center for Health Statistics. Subsequently, a final underlying cause of death is assigned to each death.

Age-adjusted Death Rates. The direct method for calculating age-adjusted death rates was used in this report. Crude death rates (deaths/total population) are not sensitive to the variety of rates existing in a population. For example,

TECHNICAL NOTES (Cont.)

crude death rates are higher among the elderly, but rates are lower in the youngerage-groups. Large proportions of the elderly population may increase the crude death rate while death rates for other age-groups remain stable. Age-adjusting death rates eliminate the effects of differences in population composition with respect to age, race, sex, etc. Age-adjusted death rates are useful for comparison purposes and are only valid when compared to rates that were calculated in a similar manner. For this report, age-adjusted death rates were calculated using the U.S. 1940 standard population.

Years of Potential Life Lost (YPLL). The years of potential life lost (YPLL), for this report, is a measurement of the number of years of potential life lost by each death occurring before the average life expectancy. This calculation provides more information on the societal impact of mortality. Years of life lost counts deaths at a younger age more heavily than those at older ages (e.g., the younger person has a greater potential for years left than an elderly person). YPLL were calculated by subtracting mid-point years of the 5-year age-groups from life expectancies for all Kansans and male and female Kansans as compiled by the Kansas Division of the Budget-State Demographer. The subtraction leaves a remainder - the years of potential life lost, which is then multiplied by the number of deaths in that particular age-group and subsequently all calculations for the five-year age-groups beginning with 0-4 and through over 85 are summed to provide the total years of life lost. In making the calculations, the age-groups with mid-points larger than the life expectancy were set to zero because they would not contribute years of life lost (e.g., they are over the life expectancy). For this report, the life expectancy for all Kansans is 77.11 years, males 73.61 and females 80.51 years

Rate Reliability. Vital statistics are easily influenced by random variation and single-year rates can fluctuate from year to year. A multiple-year rate such as a five- or ten- year average of single-year rates would be more accurate in formulating conclusions on vital events. For example, although the infant death rate for Kansas was 7.9 in 1988 and 8.8 in 1992, the 1988-1992 five-year infant death rate for Kansas was 8.5 infant deaths per 1,000 live births. The five-year rate smooths some of the variation in single-year rates and would be a more reliable indicator of infant death rates in Kansas.

Rates based on a small or large number of events in a sparsely populated area can vary widely. To exemplify the variation that may occur with a small number of events, in 1992, Greeley county was one of the least populated counties in Kansas with 1,764 residents and Sedgwick county was the largest with 413,328 residents. With 10 deaths occurring in Greeley county in 1992, the crude death rate would be 5.7 deaths per 1,000 population, whereas, 3,165 deaths occurring in Sedgwick county represents a crude death rate of 7.7 deaths per 1,000 population. If five more deaths occurred in each county (e.g., multiple-death accident) Greeley county's crude death rate would increase to 8.5 deaths per 1,000 population. Sedgwick county's crude death rate would increase by only a few hundredths and with rounding, still remain 7.7 deaths per 1,000 population. Therefore, one must use caution when comparing rates of vital events between counties of extreme population size differences to avoid misleading conclusions.

TECHNICAL NOTES (Cont.)

Limitations of Pregnancy Outcome Data. All births occurring at Irwin Army Hospital to Ft. Riley residents were recorded for Geary county even when Riley was the county of residence.

Teenage pregnancy data is the sum of live births, reported abortions and fetal deaths. Most of the abortion data includes only those reported by hospitals and clinics participating in our abortion reporting system through which detailed statistics are available. K.S.A. 65-445 requires all hospitals to keep and submit to the Secretary of the Department of Health and Environment, written records of all pregnancies terminated in the hospital. Additionally, most providers report terminations on a voluntary basis. Although Kansas has a fairly comprehensive coverage of providers, there are some providers from whom no data were obtained. This means that the data will be, to a certain degree underreported.

Handling of Unknowns. Items for which no response was provided are shown as "not stated" in the tables and graphs throughout this publication. To ensure the accuracy of the data, the "not stated" have been removed from totals when calculating percentages.

DEFINITIONS

The following terms, formulas and symbols are defined for more meaningful interpretations of the data contained in this report.

Abortion: (induced termination of pregnancy):	The deliberate interruption of pregnancy with the intention other than to produce a live born infant or to remove a dead fetus and which does not result in a live birth.
Annulment:	The invalidation of a marriage contract.
Birth Weight:	The weight of the fetus or infant at the time of delivery.
Cause of Death:	The underlying cause of death, or that condition giving rise to the chain of events leading to death.
Congenital Anomalies:	Defects existing at and usually before birth regardless of causation.
Divorce:	The dissolution of a legally binding marriage contract.
Fetal Death:	The complete expulsion or extraction of a product of human conception from its mother, that weighs more than 350 grams and is, irrespective of the duration of pregnancy, not a live birth. (Intentionally aborted fetuses that weigh more than 350 grams are not included as fetal deaths in this report.)
Gestation:	The period of time between the last reported normal menses and the delivery of the fetus or infant.
Hebdomadal Death:	The death of a liveborn infant which occurs prior to the seventh day of life.
I.C.D. Code:	The cause-identifying number classified in the Ninth Revision of the International Classification of Diseases adopted in 1979.
Infant Death:	The death of a liveborn infant which occurs within the first year of life.
Legal Intervention:	Includes legal execution and injuries inflicted by the police or other law-enforcing agents, including military on duty in the course of arresting or attempting to arrest law breakers, suppressing disturbances, maintaining order and other legal action.

DEFINITIONS (Cont.)

Live Birth:	The complete expulsion or extraction of a product of human conception from its mother, irrespective of the duration of pregnancy, that, after such expulsion or extraction, shows any evidence of life such as breathing, heartbeat, pulsation of the umbilical cord, or voluntary muscle movement, whether or not the umbilical cord has been cut or the placenta attached.
Low Birth Weight:	Weight of a fetus or infant at delivery which is under 2,500 grams (less than five pounds, 8 ounces).
Marriage:	The legal union of a male and female.
Marriage Dissolution:	A marriage dissolved by either a divorce or an annulment.
Maternal Death:	The death of a mother caused by complications of pregnancy, childbirth or the puerperium.
Natural Increase:	Live births minus total deaths of a population within a given year.
Neonatal Death:	The death of a liveborn infant which occurs prior to the twenty-eighth day of life.
Occurrence Data:	Vital statistics compiled on the basis of where the vital event happened.
Out-of-Wedlock Birth:	A birth occurring to a mother who is not married at the time of conception, or at the time of birth or at any time between conception and birth.
Perinatal Period III Death:	The aggregate total of fetal deaths (fetus weighs over 350 grams) and hebdomadal deaths (deaths that occur prior to the 7th day of life).
Population Density:	The average number of inhabitants per square mile.
Puerperium:	Period of time after delivery, usually six to eight weeks during which all maternal reproductive organs return to the normal pre-pregnancy condition.
Residence Data:	Vital statistics compiled on the basis of the usual place of residence of the person(s) to whom the vital event occurred.
Teenage Pregnancy:	A live birth, fetal death or abortion occurring to a female under 20 years of age.
Total Births:	All live births plus fetal deaths.
Very Low Birth Weight:	Weight of a fetus or infant at delivery which is under 1,500 grams (less than 3 pounds, 5 ounces).

RATES AND RATIOS

Abortion Ratio:	$\frac{\text{induced abortions}}{\text{live births}}$	x 1,000
Age-Adjusted Death Rate:	$\frac{\sum M_a P_a}{P}$	x 1,000

Where M_a = age-specific death rate per 1,000 population for a given age-group
P_a = standard population in a given age-group
P = total standard population

Age-Specific Death Rate:	$\frac{\text{deaths in a specific age-group}}{\text{population in a specific age-group}}$	x 1,000
Age-Specific Fertility Rate:	$\frac{\text{live births in a specific age-group}}{\text{female population in a specific age-group}}$	x 1,000
Birth Rate:	$\frac{\text{live births}}{\text{total population}}$	x 1,000
Cause-Specific Death Rate:	$\frac{\text{cause-specific deaths}}{\text{total population}}$	x 100,000
Death Rate:	$\frac{\text{total deaths}}{\text{total population}}$	x 1,000
Divorce Rate:	$\frac{\text{divorces}}{\text{total population}}$	x 1,000
Marriage Dissolution Rate:	$\frac{\text{divorces and annulments}}{\text{total population}}$	x 1,000
Fertility Rate:	$\frac{\text{live births}}{\text{female population 15-44}}$	x 1,000
Fetal Death Rate:	$\frac{\text{fetal deaths}}{\text{total births}}$	x 1,000
Hebdomadal Death Rate:	$\frac{\text{hebdomadal deaths}}{\text{live births}}$	x 1,000
Infant Death Rate:	$\frac{\text{infant deaths}}{\text{live births}}$	x 1,000
Marriage Rate:	$\frac{\text{marriages}}{\text{total population}}$	x 1,000

Maternal Death Rate:	maternal deaths / live births	x 10,000
Natural Increase Rate:	live birth rate minus total death rate	
Neonatal Death Rate:	neonatal deaths / live births	x 1,000
Out-of-Wedlock Birth Ratio:	out-of-wedlock births / live births	x 100
Perinatal Period III Death Rate:	perinatal period III deaths / total births	x 1,000
Teenage Pregnancy Rate:	live births, fetal deaths, abortions for females 10-19 / female population 10-19	x 1,000

SYMBOLS AND ABBREVIATIONS

n.s.	not stated
n.a.	not available
n/a	not applicable
-	zero
0.0	quantity or percent more than zero but less than 0.05.

KANSAS COUNTY MAP

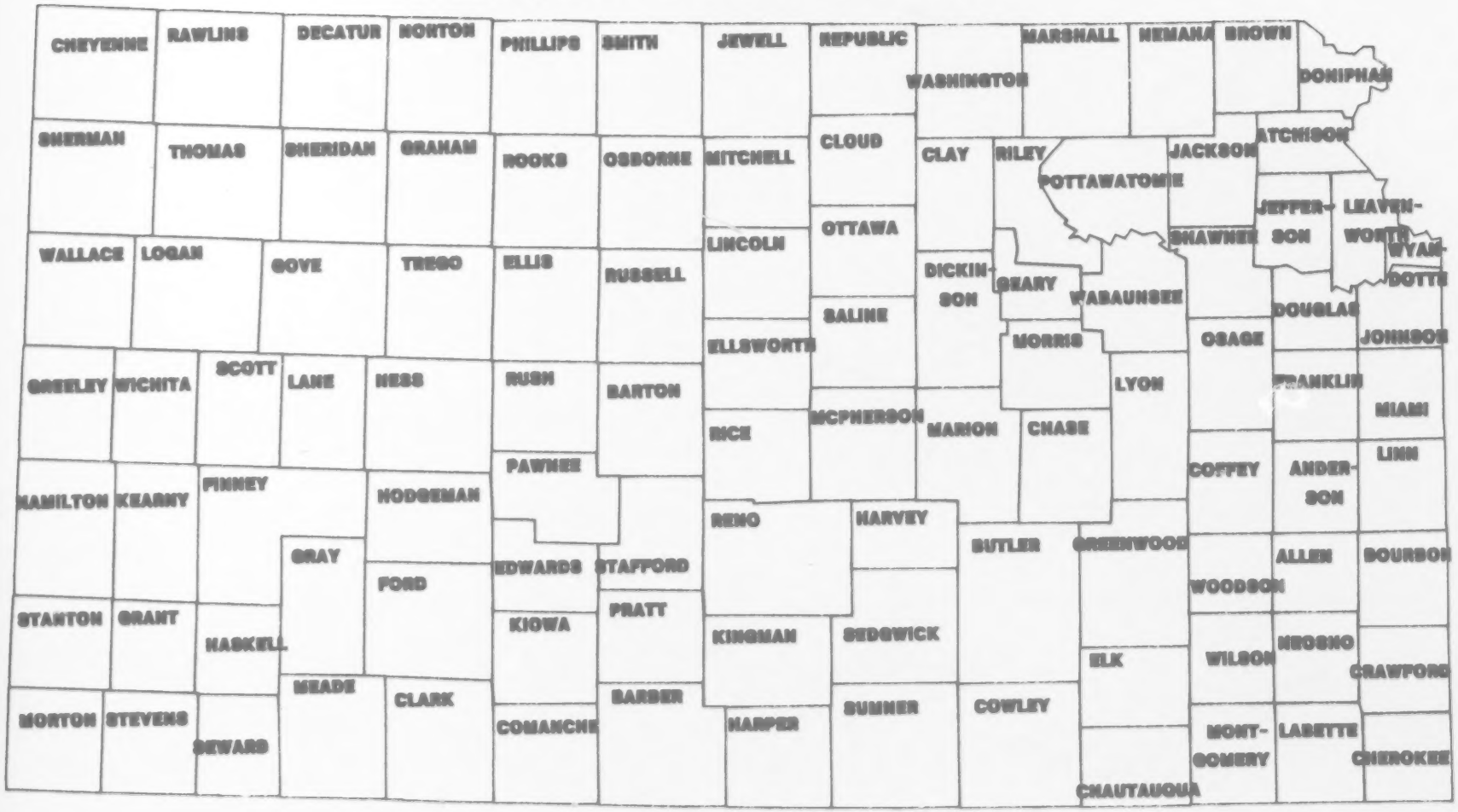


Figure 57

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